



**REVISION**

**OCTOBER 7, 2015**

**BOARD AGENDA**

**ITEM 5.4**

**Subject and Recommendation changed from:**

Consideration and Action on CEQA Documents for the 3A Water Reclamation Plant Tertiary Expansion, C-1505.05

Recommendation: Approve the budget of \$65,000 for CEQA associated with the tertiary treatment expansion.

**To:**

Consideration and Action on Budget for Consultant to Prepare Initial CEQA Analysis for the 3A Water Reclamation Plant Tertiary Expansion, C-1505.05

Recommendation: Approve budget of \$65,000 for preparation of the CEQA documents associated with the tertiary treatment expansion.

**REVISED  
AGENDA**

**SANTA MARGARITA WATER DISTRICT**

**BOARD OF DIRECTORS**

**BOARD MEETING**

**OCTOBER 7, 2015**

**7:00 P.M., BOARD ROOM, DISTRICT OFFICE**

**26111 ANTONIO PARKWAY, RANCHO SANTA MARGARITA, CALIFORNIA**

*Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities, as required by Section 202 of the Americans with Disabilities Act of 1990. Any person with a disability who requires a modification or accommodation in order to participate in a meeting should direct such request to Kelly Radvansky, Secretary to the Board of Directors, at (949) 459-6642 at least 48 hours before the meeting if possible.*

**ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING**

Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the District's business office located at 26111 Antonio Parkway, Rancho Santa Margarita, California 92688, during regular business hours. When practical, these public records will also be made available on the District's Internet Web Site, accessible at <http://www.smwd.com>.

**1. PLEDGE OF ALLEGIANCE**

**2. PUBLIC FORUM**

*Persons wishing to address the Board of Directors on matters not listed on the Agenda may do so at this time. "Request To Be Heard" forms are available at the entrance to the Board Room. Comments are limited to three minutes, unless further time is granted by the Presiding Officer. Please submit the form to the Recording Secretary prior to the beginning of the meeting.*

*Those wishing to address the Board of Directors on any item listed on the Agenda should submit a "Request To Be Heard" form to the Recording Secretary before the Presiding Officer announces that agenda item. Your name will be called to speak at that time.*

President, Betty H. Olson  
Vice President, Charley Wilson  
Finance Committee Chair, Charles T. Gibson  
Engineering Committee Chair, Justin McCusker  
Director, Sandra F. Jacobs  
General Manager, Daniel R. Feron

**3. CONSENT CALENDAR**

3.1 Consideration and Action on the September 2, 2015 Board Meeting Minutes.

**Recommendation:** Approve the September 2, 2015 Board Meeting Minutes.

**4. PRESENTATIONS**

4.1 Santa Margarita Water District SustainaBlue Water Heroes.

4.2 Neimela Pappas and Associates Contract Services and Legislative Update.

**5. ACTION ITEMS REVIEWED BY COMMITTEE**

5.1 Consideration and Action on the Chiquita WRP Grit Washer Replacement, Contract C-1241T.006.

**Recommendation:**

- 1) Approve budget to pre-purchase a new grit washer for \$140,000;
- 2) Approve a contract with TJC and Associates for electrical design services for \$25,000;
- 3) Approve a contract with Heerup Engineering for structural design services with a not to exceed budget of \$15,000;
- 4) The new grit washer facilities will be designed by District staff and installed by a general contractor selected through a competitive bid process. The total request for pre-approved equipment and engineering services is \$220,000.

5.2 Consideration and Action on Change Order No. 5 and Project Acceptance for the Gobernadora Multi-Purpose Basin Construction Services, C-1685C.

**Recommendation:**

- 1) Approve Change Order No. 5 to Filanc in the credit amount of <\$14,448.00>;
- 2) Accept the work, file Notice of Completion, and release Retention funds less \$75,000 thirty-five days after the Notice of Completion has been filed, provided no claims have been filed with the District.

- 5.3 Consideration and Action Change Order No. 1 for the Construction Services Contract for the Esencia Lift Station Facility, Contract C-1771.

**Recommendation:** Approve Change Order No. 1 for Norman A. Olsson Construction, Inc. (OCI) in an amount not to exceed \$61,966.00.

- 5.4 Consideration and Action on Budget for Consultant to Prepare Initial CEQA Analysis for the 3A Water Reclamation Plant Tertiary Expansion, C-1505.05.

**Recommendation:** Approve budget of \$65,000 for preparation of the CEQA documents associated with the tertiary treatment expansion.

- 5.5 Consideration and Action on Acceptance of Water and Sewer Facilities for Tract 17453 (TT 17051) Located in Orange County in ID No. 4E And Adoption of Resolution No. 2015-10-01.

**Recommendation:** Adopt the resolution.

1) Accepting the water, sewer and recycled water facilities constructed in conjunction with the subject tract.

2) Authorizing the Santa Margarita Water District to release water, sewer and recycled water bonds for the subject tract.

## 6. ACTION ITEMS

- 6.1 Consideration and Action on Construction Services for the Temporary Los Patrones Water Facilities Recycled Water Improvements, C-1685E.

**Recommendation:** Award contract to Leatherwood Construction, Inc. (LCI) in the amount of \$788,950.00.

- 6.2 Consideration and Action on Establishment of a District Policy Authorizing Specific Procedures and Authority for Approval of Water Budget Variances.

**Recommendation:** Authorize specific procedures and authority for approval of water variances.

- 6.3 Consideration and Action on Scheduling of Future Agenda Items; and Re-Cap of the September 18, 2015 District Board.

**Recommendation:** Approve items for inclusion on future agendas of the District.

**7. GENERAL COUNSEL REPORT**

**8. INFORMATION ITEMS**

- 8.1 Directors' Reports of Outside or Other Meeting/Events (verbal or written reports may be provided and shall be included in the record/minutes).

# Santa Margarita Water District



## MEMORANDUM

**REVISED**

**TO:** Board of Directors **DATE:** October 7, 2015

**FROM:** Don Bunts/Karla Houlihan

**SUBJECT:** Consideration and Action on Budget for Consultant to Prepare Initial CEQA Analysis for the 3A Water Reclamation Plant Tertiary Expansion, C-1505.05

### **SUMMARY**

**Issue:** The operation of the existing 3A Plant transitioned from SOCWA to SMWD on July 1, 2015. The plant's SCADA system requires modifications for compatibility and communication with SMWD facilities. Several projects have been identified to replace aging equipment, improve operations, increase reliability of the plant operation, and increase tertiary treatment capacity.

**Recommendation:** Approve budget of \$65,000 for preparation of the CEQA documents associated with the tertiary treatment expansion.

**Committee Status:** The Engineering and Operations Committee (EOC) considered the item on September 14. The EOC recommended this action to the Board.

**Fiscal Impact:** SMWD total cost is \$65,000. Total project cost is estimated to be between \$4 million and \$5 million.

**Previously Related Action:** At the Board Meeting February 20, 2015, the Board approved the recommendations to proceed with steps for SMWD to assume operation and maintenance of the 3A plant, modify the current operation to maximize recycled water production, and to initiate changes to increase recycled water production to 6.0 mgd.

### **Adherence to Policy:**

- This project is consistent with the SMWD mission statement “Our primary purpose is to... collect and treat wastewater to protect the environment and public health.” Modernizing the dewatering system at the CWRP improves the reliability of the facility.
- Our mission is also to “Provide a high level of service with maximum cost effectiveness.” This project will reduce the life cycle costs of the dewatering process.
- This project incorporates new technology to the benefit of the District.

A. CEQA Work for the Expansion of the Tertiary Treatment Process

In an effort to provide a more reliable and locally sustainable water supply, the District is proposing to increase the amount of recycled water available through expansion of the 3A WRP facility. There are various components of the project that will be associated with the construction of the expansion of the 3A WRP facility. These include increasing the reliability of the aeration system, expanding and or replacing the existing filters with more effective tertiary filters, expanding the disinfection system, expanding the tertiary effluent pumps, the possible upsizing of the discharge pipeline where it connects to the District's recycled water distribution system, modifying various in-plant piping and electrical systems and the addition of a standby generator to the facility to be able to maintain some level of operation during a power outage. There is adequate space available in the existing site to accommodate the modifications/expansion that is proposed.

The project will provide an additional 3,000 afy of recycled water to be used as a substitute supply for irrigation demands currently being met with imported potable water. In addition to the project reducing the need for an equal amount of imported water, it will also provide a more reliable, sustainable local water supply to meet customer's needs. The 3,000 afy that will be produced by this project is a 100% offset of the amount of imported potable water and reflects more than 10% of the District's water supply. Without the project the District will be required to continue importing 3,000 afy from out of the area or will require a significant reduction in water usage from its customers.

In order to construct the proposed facilities it is necessary for the District to meet the CEQA requirements associated with a project of this nature. An Initial Study (IS) will be completed and, based on the expected findings of the IS/Environmental Checklist and in accordance with CEQA guidelines, a draft Mitigated Negative Declaration (MND) will be prepared and circulated in February 2016 for a 30-day public comment period. The purpose of the MND is to determine any potentially significant impacts associated with the project and incorporate applicable mitigation measures into the construction and restoration activity. It is not anticipated that any impacts beyond minor construction activity related ones will need to be mitigated. The expansion will likely result in reduction of any impacts since it will result in a reduction in the amount of imported potable water, a reduction in the amount of effluent discharged to the ocean, and the installation of more efficient equipment. It is anticipated by District Staff as well as the Environmental Consultant that the project may actually result in the aforementioned beneficial effects.

The total contract, including all deliverables and consultant expenses is estimated to be \$65,000 based on a preliminary cost estimate provided by HELIX Environmental Planning, Incorporated. Helix is one of the District's on-call CEQA consultants that was previously selected through a competitive selection process. Helix was requested to prepare a formal proposal to perform the necessary work to satisfy the CEQA requirements.

No new policies will need to be established by the District's Board of Directors to implement the 3A WRP Expansion. The District's Board of Directors must approve the award of the construction contract as well as approve the final CEQA document.

**FUNDING**

The funding for this project is proposed to be from the New Capital Projects Reserves. This project was identified in the FY 15-16 CIP. Ultimately the project will be funded by the District through the New Capital Projects Reserves and from an anticipated \$1,000,000 Prop 1 grant from the State of California. Some contribution from Moulton Niguel Water District is anticipated but the amount will not be known until the final project is identified. It is anticipated that the total project costs will be between \$4 million and \$5 million.