

**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:** 07/11/03  
**Department Name:** Water Agency/Public Works  
**Department No.:** 054/04/08  
**Agenda Date:** 08/26/03  
**Placement:** Administrative  
**Estimate Time:** N/A  
**Continued Item:** NO  
**If Yes, date from:**  
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**TO:** Board of Directors  
Santa Barbara County Water Agency

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

**STAFF CONTACT:** Thomas Fayram, Deputy Public Works Director, Ext. 3436  
Cathleen Garnand, Civil Engineer Associate III, Ext. 3542

**SUBJECT:** **Approve Amendment No. 4 to the Agreement for Urban Runoff Treatment Control BMPs Project with Geosyntec Consultants, First, Second, and Third Supervisorial District**

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**Recommendation(s):**

That the Board of Directors:

- A. Approve and authorize the Chair to execute Amendment No. 4 to the Agreement with Geosyntec Consultants, located at 1500 Newell Avenue, Suite 800, Walnut Park, California increasing the amount by \$12,594 to not to exceed \$599,416 for technical support services of the Urban Treatment Control Project from the period of February 6, 2001 through October 1, 2004; and
- B. Increase the 10% contingency fund in the amount of \$1,259.40 not to exceed \$59,941.60 for additional work that may be needed to complete the technical support services.

**Alignment with Board Strategic Plan:**

[These recommendations are aligned with Goal No. 5: Maintain and Enhance the Quality of Life for all Residents.](#)

**Executive Summary and Discussion:**

On February 6, 2001, your Board approved an agreement with Geosyntec Consultants for the Urban Treatment Control Pilot Projects. The treatment facilities for this project are being designed to retrofit existing stormdrain infrastructures. The types of projects evaluated and constructed include, biological treatment (bioswales), drop inlet inserts (storm drain filters), storm drain in-line separators i.e. Continuous Deflective Separation (CDS) Units, and infiltration ponds/trenches. Funding for this work is from a Coastal Conservancy Grant.

As described in the February 6, 2001 board letter, the initial project was divided into four phases.

Phase 1: Site Evaluation and Preliminary Design

Phase 2: CEQA Compliance and Permitting

Phase 3: Final Engineering Design

Phase 4: Installation of treat control projects

The original agreement with the funding agency (the Coastal Conservancy) contemplated that consultants would provide technical support and engineering design for all four phases. Your Board approved Geosyntec Consultants to provide technical support for Phases 1 and 2 on February 6, 2001. Since then, three amendments have been approved by your Board that included Phases 3 and 4 of the project, adding additional work items and project sites, extending the term of the contract, and increasing the amount of the agreement.

Attachment A summarizes the projects completed and under construction that Geosyntec and their team have developed.

The County's Project Clean Water team has identified many of the outfalls that discharge surface runoff to the various creeks throughout the County. In an effort to maximize the effect of resource investment in water quality improvements, staff would like to develop a GIS database and assessment tool for urban stormdrain catchment areas in the County. Amendment No. 4 of the agreement will provide for this additional phase of the project. Phase 5 would be to develop a geographic information system (GIS) database and planning and assessment tools for urban catchments in the County using the following seven GIS layers:

1. Stormdrain network and outfall locations
2. Stream network
3. Watershed and subcatchment delineations
4. Land Use
5. Impervious surface delineation
6. Parcel Data
7. Water Quality Data

While the total cost for completing Phase 5 is \$96,036.00, only an additional \$12,594 is needed. The remaining \$83,442 is available in unspent funds from Phases 1, 2, and 3 of the GeoSyntec agreement, where tasks have been completed, several under budget.

The GIS database developed under Phase 5 will be used to evaluate areas of the County for additional storm water quality treatment controls. The highest priority areas are expected to be areas that generate the most pollutants based on land use, size, impervious area, and catchment characteristics. Coupled with the results from the pilot projects already completed (or nearly completed) benefit cost analyses could be performed for potential future installations of treatment controls.

### **Mandates and Service Levels:**

While water quality improvement efforts have been the goal of Project Clean Water, this project will also address the National Pollutant Discharge Elimination System (NPDES) Phase II requirements of the Clean Water Act.

### **Fiscal and Facilities Impacts:**

The Adopted Budget for FY 2003-04 contains staff time for administration of this project. However, actual costs are reimbursed by the California Coastal Conservancy through a grant agreement, which was approved by your Board on November 14, 2000. The State will provide up to \$2.1 million for reimbursement to Project Clean Water in their general fund allocation for this project.

To date, approximately \$1.1M of the \$2.1M grant has been spent on GeoSyntec Consultants and other contractors in site selection, design, and construction of these projects. Through Project Clean Water, the County has provided its share of costs as staff time in project administration and management. Approximately \$505,177 of the existing \$586,822 GeoySyntec contract has been spent to date, and \$19,190 of the \$58,682 contingency has been spent to date. Approval of Amendment #4 would increase the overall contract amount and contingency, as shown in items A and B of the Recommendations.

Costs associated from this agreement are included in the 2003-04 Adopted Budget in the Water Agency cost center of the Water Resources Division of the Public Works Department as shown on page D-322 of the budget book. This agreement will be paid from Dept: 054, Fund: 3060, Acct: 8200, Program: 3008.

### **Special Instructions:**

Direct the Clerk of the Board to return two original amendments with the minute order to the Water Agency office, Attn: Christina Lopez.

**Concurrence: County Counsel, Auditor-Controller, and Risk Management**

**Attachment A**  
**Projects Built or Under Development**  
**Pursuant to the Coastal Conservancy Grant**

**Completed Projects**

- Turnpike storm drain retrofit  
In-line filter unit and bioswale
- 6<sup>th</sup> Street (Carpinteria)  
In-line filter unit
- Isla Vista (Embarcadero del Mar)  
In-line filter unit

**Projects Under Construction**

- Rhodes/Walnut storm drain retrofit  
Two in-line filter unit and bioswales

**Projects Under Design**

- Isla Vista (Del Playa Drive)  
3 In-line filter units