



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: September 30, 2008

TO: Mayor and Councilmembers

FROM: Creek Division, Parks and Recreation Department

SUBJECT: Clean Beaches Initiative Proposition 50 Grant And Award Of Professional Services Agreement For The Microbial Source Tracking Protocol Development Project

RECOMMENDATION: That Council:

- A. Increase appropriations and estimated revenues by \$477,280 in the Creeks Division Capital Fund for the Microbial Source Tracking Protocol Development Project, based on a grant agreement with the Clean Beaches Initiative Proposition 50 Grant Program of the State Water Resources Control Board (SWRCB); and
- B. Authorize the Parks and Recreation Director to execute a professional services agreement with the University of California, Santa Barbara (UCSB) in the amount of \$340,000 to conduct microbial source tracking in the Mission Creek watershed to assist in completion of the Microbial Source Tracking Protocol Development Project.

DISCUSSION:

On June 12, 2007, the City Council approved filing a grant application for Clean Beaches Initiative Proposition 50 Grant Program funds for the Microbial Source Tracking Protocol Development Project (MST Project), to be conducted in partnership with UCSB. The Resolution (No. 07-043) authorized the Parks and Recreation Director to execute a grant agreement pending the grant award. Accordingly, the Parks and Recreation Department signed a grant agreement for \$477,280 with the SWRCB on August 25, 2008.

Pursuant to the grant application and agreement, the MST Project will be conducted in partnership with Dr. Patricia Holden at UCSB. Complementing a capital program that has installed end-of-pipe treatment projects in three locations, the Creeks Division has worked with Dr. Holden to conduct research to identify the sources and routes of water contamination in Mission Creek. The research has already confirmed and quantified markers for human waste in creeks, lagoons, and the surf zone. Unfortunately, the physical sources of human contamination remain elusive. The proposed research will identify where, when, and how human waste is transported to storm drains, creeks, and beaches in Santa Barbara. The value of the research is that it will support City efforts to

reduce sources of human fecal pollution in creeks and the coastal ocean. It will also provide protocols for coastal managers throughout California to use for conducting source investigations of storm drains that produce beach warnings due to exceedences of indicator bacteria standards.

TIMELINE:

Field work on the contract with UCSB will begin in October 2008 and extend through December 2009. Data analysis will continue through February 2010, and a final report will be delivered to the City by February 28, 2010.

BUDGET/FINANCIAL INFORMATION:

The estimated cost to complete the project is \$487,280, including \$340,000 for the contract with UCSB, and \$147,280 for required equipment, software, and traffic control. The SWRCB grant will provide \$330,000 for the contract with UCSB, and \$147,280 for the other costs. The remaining \$10,000 will be funded by Measure B. The funds are available in the Creeks Division Fiscal Year 2009 Capital Program budget.

SUSTAINABILITY IMPACT:

This research project will help improve recreational water quality at Santa Barbara beaches by providing tools to identify sources of bacterial contamination.

PREPARED BY: Cameron Benson, Creeks Manager

SUBMITTED BY: Nancy Rapp, Parks and Recreation Director

APPROVED BY: City Administrator's Office