

**Clean Beach Task Force (CBTF) Meeting  
Geosyntec Office, Oakland California  
February 22, 2006**

**Attendees:**

Charlee McGee (Orange Co. Sanitation District)  
Dean Peterson (San Mateo County)  
Guangyu Wang (Santa Monica Bay Restoration Commission)  
Jack Gregg (Coastal Commission)  
Jack Petralia (Southern California Coastal Water Research Project)  
Mark Beyeler (Coastal Conservancy)  
Mark Gold (Heal the Bay)  
Monica Mazur (Co. of Orange Environmental Health)  
Peter Mangarella (Geosyntec Consulting)  
Philip Smith (Marin Co. Environmental Health)

**State Water Resources Control Board (Staff)**

Corina Meloche	Laura Peters
Cristina Mayorga-Ochoa	Leslie Laudon (T)
Dayne Kendrick	Mark Fong
Kari Holmes	Michael Gjerde
Kathy Bare	Robin McCraw

(T) – Participated via telephone

**Changes/Additions to Agenda:**

**Additions:**

Proposition 40, Phase 2 – Bodega Bay Westside Park Sewer to Septic Project

**Proposition 13 Deviation:**

**CBI 30 – San Diego Ocean Beach:**

Staff gave a brief explanation of San Diego Ocean Beach Project's (CBI #30) proposed deviation. The City ran into a problem when the engineering plans failed to notice a sewer line in the path of their construction efforts. The City proposes to reduce the length of the storm drain line originally proposed by a total of 2,000 feet (45% less pipe). The City claims that this is auxiliary pipe and would be for stand-by only. There will be an increase in water retention time on the streets due to the reduction in pipe. The City is not asking for additional funds but will require a time extension of the contract in order to conduct one dry weather season of post construction monitoring.

*CBTF Recommendation: Approve reducing pipe length and a one-year time extension to conduct monitoring.*

**Additional Discussion:**

It would be helpful if Staff would distribute information regarding CBI projects' status including the number of projects completed and the total funds expended. Staff informed the CBTF that one-page annual summary reports for all CBI projects will be posted on the Division of Financial Assistance's webpage in the near future. Staff will inform the CBTF when they are posted.

**CBI 301 – Bodega Bay Westside Park Septic to Sewer:**

CBTF approved this Proposition 40, Phase 2 project for construction of sewer facilities at the park. The County's grant application asked for funding for the construction of the project,

however, upon further discussion with the County, the project has already completed construction and is asking for reimbursement dating back to January 1, 2003 for sewer connection permits.

*CBTF Recommendation: Since the County applied for construction funding, construction is what the CBTF feels the grant should be used for. The CBTF will fund 25 percent of the construction, in the amount not to exceed \$290,000, dating back to April 21, 2005 (the Competitive Location List adoption date for Proposition 40).*

**Proposition 40 Phase 2 Undecided Projects:**

**Pin 8778 – Montara (Total Project Cost \$1,000,000; Funds Requested \$800,000):**

This project consists of renovating two sewage pump stations that are located on the Fitzgerald Marine Reserve and subject to overflow of sewage into the ocean and onto the beach area. One pump station is known as the Kanoff Street Pump Station located adjacent to the Montara State Beach in Montara. The other pump station is known as the Niagara Pump Station located in Moss Beach. The Kanoff Pump Station has experienced sewer overflows onto the beach. The Project would increase the capability of the pump station to avoid such overflows in the future. The Niagara Pump Station would also be renovated to avoid sewer overflows. The CBTF reviewed this project at the December 13, 2005 CBTF meeting and requested the following additional information: Fecal bacteria density data 2) Sewer overflow spill frequency; and 3) Project timeline.

*Discussion:*

Montara Water and Sanitary District provided the Fecal bacteria density data and noted that 16 spills occurred at multiple pump stations from 2000 thru 2006. The construction contract will be awarded April 2006 (construction occurring May 2006 thru December 2006). The total project cost is \$1 million, of which \$250,000 will be the maximum amount available from the CBI (25percent for sewer projects). San Mateo County has identified and abated many sources along San Vicente Creek. These pump station upgrades will most likely not improve AB 411 exceedences at Montara State Beach; however, Montara State Beach is in an Area of Special Biological Significance (ASBS) and the upgrades are necessary to prevent future spills on the beach. Issues that need to be resolved include: What will the new wet well capacities be? What are the options for backup power?

*CBTF Recommendation: Fund project in the amount not to exceed \$250,000 (25 percent of total project cost).*

**Proposition 40 Phase 2 New Proposals:**

**Pin 8990 – City of Del Mar - 21<sup>st</sup> Street Pump Station Replacement**

**Total Project Cost \$5,000,000; Funds Requested \$1,250,000:**

The existing 21<sup>st</sup> St Sewer pump station (PS) is 34 years old. It is a 25 feet deep steel capsule package pump station with 3,000 gallon wet well. It has 3-150 HP pumps at the bottom, which are hard to maintain. The PS is below the 100-year flood plain elevation of the San Dieguito River and within 100 ft of a drainage channel that is filled with water that directly feeds the San Dieguito River Beach. The PS handles 455 gallons per minute (gpm) average flows with 2,800 gpm peak flows during horse racing season. In 2002 a mechanical failure flooded the PS capsule, shorting out motors, necessitating extensive repairs and cleanup. A sewage spill occurred in July 2005. Through heroic efforts by City staff, no sewage reached the beach. The project will construct a modern PS above the 100 yr flood plain with modern pumping and electrical equipment, in a maintenance friendly building, including bringing motors above grade to prevent damage from flooding, a significantly larger wet well, and a back up generator.

*Discussion:*

The City of Del Mar provided a justification to be added to the Competitive Location List (CLL) and was found to be eligible under criteria 2) A known public health threat or source of human sewage discharge to ocean waters adjacent to a beach. Del Mar has relatively few beach water quality problems.

*CBTF Recommendation: Deny funding of the project based on lack of severity of water quality problems. Reconsider near summer if funding for Proposition 40 has not been encumbered.*

Pin 9106 – San Mateo County

Pillar Point Harbor

Total Project Cost \$550,000; Funds Requested \$500,000:

The project involves replacement of aged, leaky sewer laterals that contribute to increased wet weather sewer quantity, higher bacterial loading, and sewer overflows, causing beach closures. This project is a sewer infrastructure project and only qualifies for 25 percent CBI funding from Prop. 40. It amounts to about \$137,500 from the total project cost of \$550,000.

*Discussion:*

It is likely that this project will not have a beach water quality impact at Pillar Point; however, implementing this project could possibly reduce bacterial contamination at Venice Beach. There are also bird issues that could be causing bacterial contamination at Venice beach. This harbor beach has a circulation issue similar to Baby Beach; however, they have only about one swimmer per year. The Army Corps of Engineers has done circulation studies in the harbor.

*CBTF Recommendation: Fund the project in the amount not to exceed \$137,500 (25 percent of the total project cost).*

Pin 9137 – City of Malibu - Paradise Cove Beach

Total Project Cost \$959,675; Funds Requested \$920,000:

Replace existing stormwater treatment system at the Ramirez Creek outfall with an upgraded and properly sized unit to treat actual flows for bacteria and other pollutants, thereby improving water quality at Paradise Cove Beach. The existing treatment system treats 150-200 gallons per minute (gpm) and this new system will be able to treat 500 gpm.

*Discussion:*

The private landowner was ordered by the court to upgrade the Onsite Wastewater Treatment Systems (OTWS) at the Paradise Cove Restaurant as well as the mobile home park by August 2006. The restaurant OWTS has been renovated but the mobile home park OTWS is still not under construction. The design phase has been completed. It was suggested that this stormwater treatment facility at Paradise Cove be funded as long as proof is provided of the OTWS being upgraded and written into this new Proposition 40 contract. The CBTF discussed that the City of Malibu should hire a consulting firm to manage this project, as the City is concurrently trying to meet a Total Maximum Daily Load (TMDL) for bacteria, and may not have adequate resources to complete this project concurrently. Additionally, since the land is privately owned, there would have to be a Memorandum of Understanding (MOU) between the City and the landowner recognized in the agreement with the State. The CBTF would also like the City to address how they are going to address recontamination at the scour pond from the treatment system runoff on the beach.

*CBTF Recommendation: Fund the project in the amount not to exceed \$920,000 contingent upon the following:*

- 1) *The City designs the outfall from the treatment system so that it will not create a scour pond above the high tide line;*
- 2) *The City hires an engineering consulting firm to manage the Project;*

- 3) *The City obtain a legally binding Memorandum of Understanding (MOU) between the property owner and the City for owning and operating the treatment system; and*
- 4) *The City provides verification of the completion of the Onsite Wastewater Treatment System upgrades at the privately owned mobile home park.*

**CBI Proposition 50 Guidelines:**

CBTF: The CBTF believes a good starting point for these guidelines is to develop a list of polluted beaches that would benefit from projects. How do we get the worst offending beaches to apply for the CBI Proposition 50 funding? What are the beaches on the Competitive Location List (CLL) that have not applied for funding and/or do not have projects that have worked?

*Discussion:*

The CBTF went through the CLL and made a list of those beaches in need of a project.

<b>County</b>	<b>Beach Name</b>
Marin	Muir Beach (N)
San Francisco	Crissy Field Beach (202.4)
San Francisco	Aquatic Park Beach
San Francisco	Baker Beach
San Mateo	Venice Beach at Frenchman's Creek
Los Angeles	Topanga Beach
Los Angeles	Avalon Beaches
San Diego	Pacific Beach
San Diego	Oceanside Beach at San Luis Rey River
San Diego	San Diego Bay Beach at Shelter Island
San Diego	San Diego Bay Beach at Spanish Landing
San Diego	San Diego Bay Beach at Bayside Park

Additionally, the CBTF briefly discussed how the Proposition 50 funds would best be divided: \$5 -10 million set aside for research oriented projects; 70% Southern California, 30% Northern California; ASBS; Rapid Indicator; Epidemiological studies; Infrastructure; Enclosed beaches/circulation projects; Site specific/transport studies; etc. were discussed.

*CBTF Recommendation: Develop a CBTF Proposition 50 Guidelines subcommittee. Volunteers for the committee include Robin McCraw, Guangyu Wang, Mark Gold, and Jack Gregg.*

**Next Meeting: Tuesday, April 4, 2006 at 10:00 AM at Loyola Marymount.**

Agenda will include discussing CBTF Proposition 50 Guidelines subcommittee developments.