

State Water Resources Control Board

Meeting Minutes
Clean Beaches Task Force
February 25, 2014
WebEx Webinar
2:00pm to 4:00pm

Attendance

Members present

- Liberty Amundson
- Chris Crompton
- Amanda Griesbach
- Patricia Holden
- Charles McGee
- James Rasmus
- Greg Smith
- Brandon Steets

Members absent

- Sarah Allen
- Alexandria Boehm
- Eugene Bromley
- Mark Carr
- Mark Gold
- Jack Gregg
- Jennifer Jay
- Monica Mazur
- Mark McPherson
- John Ricker
- George Robertson
- Mary Small
- Guangyu Wang
- Steve Weisberg

Other parties present

- Rachid Ait-Lasri
- Naomi Feger
- Spencer Joplin
- Patricia Leary
- Angie Noorda
- Janet O'Hara
- Andrew Tsiu

Agenda

Time	Item
2:00	Introductions & Announcements
2:10	Review status of submitted detailed applications
2:30	Discuss Round 5 concept proposals, and decide which to invite to submit a detailed application
3:15	Discuss research priorities
3:40	Discuss outreach strategy
4:00	Plan next meeting and adjourn

Changes to the CBTF

John Dorsey, LMU, has stepped down from the Clean Beaches Task Force.

Executed Grant Agreements

Three projects, one implementation and two research

- Implementation Projects:
 - PIN 24682: Santa Cruz County Sanitation District – *Noble Gulch Trunk Line Relocation*
- Research Projects:
 - PIN 24689: SCCWRP – *Autonomous Systems for Monitoring Beach Water Quality*
 - PIN 24692: SCCWRP – *Determination of DNA-based Fecal Marker Aging Characteristics for Use in Quantitative Microbial Source Tracking*

Approved Preliminary Funding Commitments

1 implementation project

- PIN 24663: City of Long Beach – *VSS BMPs and Low Flow Diversions of Storm Drains Discharging to San Pedro Bay Beaches*

Status of submitted detailed applications

Proposal 24693: La Sanitation – City of Los Angeles Ballona Creek Water Quality Improvements & Beneficial Use Project

- Detailed application not submitted – waiting for city council to delegate authority to enter an agreement

Proposal 24730: SCCWRP – Use of Quantitative Microbial Risk Assessment (QMRA) to Inform Site Specific Water Quality Objectives for Recreational Waters

- Detailed Application submitted with modifications to scope of work needed
- Applicant requested an increase in budget of ~\$70,000 to adjust for increase in wages since application was submitted- under review.

Proposal 24745: City of Santa Cruz – Reduce Sources of Bacteria at Cowell Beach and Main Beach

- Detailed Application submitted and reviewed- Ready for preliminary funding commitment

Proposal 25415: Santa Barbara, City of – Wastewater Main Rehabilitation Project

- Applicant withdrew grant application

Proposal 25648: Santa Cruz County Sanitation District – Neary Lagoon Force Main Crossing

- Detailed Application addressed CBTF comments
- Some minor changes to SOW proposed (reduced the video inspection of additional sewer force main from 5400 feet to 1530 feet)
- Match and budget need to be reviewed given this decrease to ensure 75% match provided

Proposal 25649: Santa Cruz County Sanitation District – Soquel Pump Station Force Main Replacement

- Detailed Application submitted and currently under review.
- CEQA by June 2014, so application is incomplete until June

Proposal 25658: City of Pacific Grove - Lover's Point Beach Water Quality Improvement Initiative

- Detailed Application not received yet
- City requested an increase in grant amount from \$2.5M to \$3.5M to replace full pipe because slip lining is not feasible.
 - City will increase match from \$0.5M to \$2.3M
 - SWRCB reviewing request; if acceptable will request CBTF concurrence via email

Proposal 25683: City of Trinidad - Trinidad Westhaven Coastal Water Quality Restoration Program/ OWTS Emphasis

- Detailed Application submitted
 - Match of ~17% proposed and SWRCB is reviewing DAC information
 - Dye testing is not proposed to verify septic system problem
 - CBTF not convinced the scope of work recognizes what was learned from the previous project
 - Greg Smith will review the Detailed Application
 - Dr. Holden will be available to consult on approaches to verify septic systems.

Proposal 25777: UCSB - Microbial Source Tracking and Verification Monitoring in the Santa Barbara Region

- Detailed Application documents received
- Application progress stalled pending UC agreeing to grant template conditions

Proposal 25799: City of Pacific Grove - Source Tracking Project in Pacific Grove, Lovers Point

- Detailed Application submitted and project is recommended for preliminary funding commitment

Round 5 implementation concept proposals

Three implementation detailed proposals were received. The CBTF members discussed these proposals and made the following recommendations.

Proposal 26246: Hermosa Avenue Green Street

The CBTF recommended that the applicant not be invited to submit a detailed application. The following is a summary of comments made by CBTF members:

- The proposal lacked sufficient details about the proposed BMPs (treatment efficiency, flow capacity, required maintenance, etc.).
- The location is not a priority beach and the water quality problem does not make it a top priority in the region.

- While the CBI grant program is focused on beach water quality during the dry season, most of the problems seem to be happening during the wet season.
- The source of bacterial contamination is unclear (application indicates there is an absence of sewer exfiltration).
- It is unclear how trash/debris removal will reduce microbial contamination.
- Treatment efficiency for the project is uncertain.

Proposal 26761: Pilar Point Harbor Wastewater Abatement Projects

The CBTF reviewed the CP, recognized that the Pillar Point Harbor area is priority area with sewer system problems need to be addressed. The CBTF determined that the project may be able to be invited back for a detailed application if, after meeting with DFA, Regional Water Board, and San Mateo County Environmental Health staff, an appropriate project meeting CBI grant program requirements can be identified. In addition to identifying potential revisions to the scope of work, the following are CBTF comments to be addressed in the meeting/re-submittal:

- Increase match to 75%
- Provide more information on the collection system, including a condition assessment, and plans to address deficiencies causing excess infiltration and inflow (I/I). Include maps showing affected sewer infrastructure, storm drains, creeks, and beach locations of concern.
- Provide better linkage between sewer system inadequacies and water quality exceedances
- Focus project to address upper distribution and downstream force main improvements to identify/fix I/I sources
- Provide more details for the following:
 - options for upstream and downstream improvements (i.e., reline, replace)
 - how options will be investigated and implemented
 - anticipated costs (per foot of repair/replace, outreach costs)
 - in PAEP, where measurements will be taken and over what period of time
- Remove outreach unless lateral replacement program proposed (or make more relevant to project improvements)

Proposal 26844: Rancho Cienega Regional Water Quality Improvement Project

The CBTF has requested additional information before making its decision to determine if this project is supportable. The following is a summary of comments made by CBTF members:

- Match must be secure. It appears that additional funding is needed. Applicant must demonstrate match is available from non-State sources.
- Explain how the proposed project relates to, or impacts the proposed treatment system at the North Outfall Treatment Facility, plans to restore Ballona Wetlands, and other known projects that improve water quality in the Ballona Creek watershed.
- Estimate pollutant load reductions and flow for wet and dry weather separately. Is there a significant dry weather flow that will be addressed by the Project? How much is the flow, and as a percentage of the total Ballona Creek dry weather discharge?
- The Project does not mention whether there is FIB or human marker data available for the Exposition storm drain. Please provide the data if available.
- Hydrologic sizing is unaddressed. Describe the hydrologic parameters that were used to calculate the capacity of the system. For example, the water quality benefits table

mentions a “storm event” loading, but this is not meaningful unless the storm size is identified.

- The PAEP goals (80-90% pathogen removal, 80% beach posting reduction) appear to be very lofty given that the project will only treat 4% of the annual wet weather fecal coliform load for 10% of the watershed). The proposal needs to describe how this project, in combination with other measures, will achieve these very ambitious targets.
- Is the regional BMP infiltration-based or is it a capture-use project? If the former, have local soil infiltration studies been completed? If the latter, please identify the water use area and confirm that seasonal demand meets the supply.
- Are there utility/easement conflicts with the project that need to be addressed?
- On the budget, remove CEQA costs and contingencies.

Research priorities

Source identification studies are the only types of projects that DFA will be accepting as research Concept Proposals.

Round 6 CBI Solicitation

- Round 6 Solicitation open from March – May for both CBI research and implementation Concept Proposals.
- Amanda Griesbach and Brandon Steets offered to assist with Outreach for project proposals.