

**STATE WATER RESOURCES CONTROL BOARD  
BOARD MEETING SESSION – DIVISION OF FINANCIAL ASSISTANCE  
JULY 6, 2016**

**ITEM 2**

**SUBJECT**

CONSIDERATION OF A PROPOSED RESOLUTION TO COMMIT \$10,000,000 FROM CLEAN BEACHES INITIATIVE GRANT FUNDS FOR STATE PARKS BEACH WATER QUALITY IMPROVEMENT PROJECTS (PROJECTS)

**DISCUSSION**

The Clean Beaches Initiative (CBI) Grant Program provides funding for projects that restore and protect the water quality and the environment of coastal waters, estuaries, bays and near shore waters. The CBI Grant Program was initiated in response to the poor water quality and significant exceedances of bacterial indicators revealed by Assembly Bill (AB) 411 monitoring at California's beaches. Propositions 13, 40, 50, and 84 provide funding to the CBI Program, in part, for projects to prevent contamination and degradation of coastal waters and watersheds. The State Water Resources Control Board (State Water Board) is authorized to administer these funds, and has remaining funds available.

CBI Grant Program Guidelines adopted through [Resolution No. 2012-0020](#) applied to a single solicitation process that has already occurred; therefore, the Guidelines are not applicable to the evaluation of eligible projects identified subsequent to the completed solicitation process. The Proposition 1 Storm Water Grant Program (SWGP) Guidelines, adopted on December 15, 2015, provide that unused or re-appropriated CBI and ASBS (Areas of Special Biological Significance) funds could be awarded to qualifying projects pursuant to the SWGP solicitation. However, wastewater infrastructure improvement projects eligible for CBI funds are not qualifying projects under the Proposition 1 SWGP solicitation process.

Division of Financial Assistance (Division) staff are proposing that up to \$10 million from the unused CBI funds be used to improve water quality at up to three beaches owned by the California Department of State Parks and Recreation (State Parks). The proposed locations for the Projects are: Doheny State Beach, El Capitan State Beach, and Carpinteria State Beach. The Projects' goals are to reduce bacterial contamination at these beaches by addressing aging and/or problematic sewer infrastructure concerns at the State beaches.

Doheny State Beach - New Connection to City Sewer and Relining of Sewer Pipe System

Doheny State Beach, located in Dana Point, is California's first state beach, covering 62 acres and attracting up to one million visitors per year. An aging sewage force main, attached to the bridge crossing over San Juan Creek, is used to carry sewage from the southern end of the park into the North Day Use gravity sewage system, where the rest of the existing sewer lines in the park connect to the City sewer. In the event of a pipe rupture, effluent would be discharged directly into San Juan Creek which discharges directly into the Pacific Ocean.

In addition, the existing sewage transmission lines within the park are a combination of clay gravity pipe and cast iron force main pipes, which all are nearing the end of their useful life. Leaks in this system could potentially enter San Juan Creek, which discharges to the ocean, or could travel through groundwater to the ocean. State Parks proposes to: (1) eliminate the bridge crossing altogether by adding a new connection to the City sewer constructing an approximately seven hundred (700) foot pipeline under the Pacific Coast Highway to connect with a city manhole across the street from the entrance to the campground; (2) rehabilitate the existing sewer lift station; and (3) reline approximately 10,000 linear feet of 6-inch diameter, cast iron force main pipes and associated manholes.

#### El Capitan State Beach – New Leach Field or Advanced Packaged Pre-Treatment System

El Capitan State Beach, located in the City of Goleta, covers 2,632 acres of land bisected by Highway 101, located 20 miles west of downtown Santa Barbara, and has a 132-site family campground, five group campsites, picnic facilities, parking, and restroom facilities. The existing leach field at the beach is starting to fail and is experiencing surfacing of leachate. The leach field, on top of a very sensitive archaeological site, cannot be expanded in place. Failure of the leach field could lead to direct beach or ocean contamination due to the leach field's proximity to the beach. State Parks is working with Division and Central Coast Regional Water Board staff to develop a proposal to install an advanced treatment system that would both prolong the life of the existing leach field and increase the system capacity. Sewage could be treated to meet subsurface disposal, above-grade irrigation (no human contact) or full Title 22 requirements (above-grade irrigation with potential human contact). Under Title 22, the treated water could be reused in the park both for irrigation and other uses such as toilet flushing.

#### Carpinteria State Beach – New Sewer Hook-ups

Carpinteria State Beach covers 62 acres of scenic oceanfront land, located 12 miles south of Santa Barbara. The beach has four campground loops offering more than 200 family campsites. The Santa Rosa loop, located immediately adjacent to the beach, is the only area in the campground that has full recreational vehicle hook-ups, and these hook-ups have reached the end of their useful life and are in need of repair on a regular basis. State Parks proposes to redesign, repair, and/or replace as needed Santa Rosa loop sewer lines and hook-ups to prevent sewage spills and leaks into the ocean, and surface water intrusion into the sewer system. Work will include: (1) replacement of approximately 5,000 linear feet of 6-inch sewer pipe, and (2) replacement of 60 hook-ups and related appurtenances.

The Projects will include a planning and design phase, and a bidding and construction phase for each location. Upon completion of the planning and design phase, a detailed cost estimate will be generated for each location. Based on the cost estimate and the available grant funds, a decision will be made as to which of the three beach projects should be constructed. State Parks has developed preliminary cost estimates for all three projects, totaling approximately \$11.2 million. Division staff anticipate that at least two of the beach projects will be constructed. Division staff priorities are to address Doheny State Beach first, then El Capitan State Beach, and finally Carpinteria State Beach if adequate funds are available for construction completion. At each project construction location, monitoring will be conducted to assess project effectiveness, in accordance with applicable bond requirements.

The proposed Projects meet the CBI priorities. Division staff and staff from the Central Coast Regional Water Board and the San Diego Regional Water Board have reviewed the information provided by State Parks and concurred that the Projects have merit. On April 29, 2016, Division staff submitted a description of the Projects to the Clean Beaches Task Force (CBTF), including the State Coastal Conservancy, for review and approval. The CBTF had no objections and supports the Projects.

## **POLICY ISSUE**

Should the State Water Board:

1. Approve up to \$10,000,000 in CBI grant funds for the proposed State Parks Beach Water Quality Improvement Projects?
2. Authorize the Deputy Director of the Division to execute the Grant(s) and any amendments to implement the Projects?
3. Authorize the Deputy Director of the Division to withdraw the Grant Award(s) if the applicant is non-responsive or the Division has exhausted reasonable efforts to resolve issues that prevent the execution of a grant agreement(s)?
4. Authorize the Deputy Director of the Division to terminate a grant agreement where there is a violation of a material provision of the agreement by the recipient?

## **FISCAL IMPACT**

Over \$30 million of CBI grant funds is currently available to encumber. Remaining funds will likely be used to fund storm water management projects identified through the Proposition 1 solicitation process.

## **REGIONAL BOARD IMPACT**

Division of Financial Assistance staff will manage the Projects. Regional Water Board staff may be asked to provide limited technical assistance.

## **STAFF RECOMMENDATION**

Staff recommend that the State Water Board approves the proposed Resolution.

<p>State Water Board action on this item will assist the Water Boards in reaching Goal 1 of the 2010 Update to Strategic Plan 2008-2012 to implement strategies to fully support the beneficial uses for all 2006 listed water bodies by 2030. In particular, approval of this item will implement improvements to restore water quality and provide increased health protection for swimmers using the beach.</p>
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# DRAFT

## STATE WATER RESOURCES CONTROL BOARD RESOLUTION NO. 2016-

TO COMMIT \$10,000,000 FROM CLEAN BEACHES INITIATIVE GRANT FUNDS FOR STATE PARKS BEACH WATER QUALITY IMPROVEMENT PROJECTS (PROJECTS)

WHEREAS:

1. The Clean Beaches Initiative (CBI) Grant Program was initiated in response to the poor water quality and significant exceedances of bacterial indicators revealed by Assembly Bill (AB) 411 (Stats. 1997, Ch. 765) monitoring at California's beaches. Propositions 13, 40, 50, and 84 provided funding for projects that restore and protect the water quality and the environment of coastal waters, estuaries, bays, and near shore waters pursuant to the Clean Beaches Initiative (CBI) Grant Program;
2. The State Water Resources Control Board (State Water Board) is authorized to administer the CBI funds, and there are funds available;
3. Projects to protect and improve beach water quality at State Department of Parks and Recreation (State Parks) beaches are eligible to receive CBI funding;
4. CBI Grant Program Guidelines adopted through [Resolution No. 2012-0020](#) applied to a single solicitation process that has already occurred; therefore, the Guidelines are not applicable to the evaluation of eligible projects identified subsequent to the completed solicitation process;
5. CBI funds may be expended on projects solicited through the Proposition 1 Storm Water solicitation process; however, the Project is not an eligible storm water project, since it will improve beach water quality by addressing wastewater infrastructure at up to three State Parks beaches; and
6. The State Water Board finds that it has an interest in supporting State Parks' efforts to restore and protect beach water quality by addressing aging wastewater infrastructure at State Parks' high use beaches.

THEREFORE BE IT RESOLVED THAT:

The State Water Board:

1. Approves up to \$10,000,000 in CBI grant funds for the proposed State Parks Beach Water Quality Improvement Projects;
2. Authorizes the Deputy Director of the Division to execute the Grant(s) and any amendments to implement the Projects;
3. Authorizes the Deputy Director of the Division to withdraw the Grant Award(s) if the applicant is non-responsive or the Division has exhausted reasonable efforts to resolve issues that prevent the execution of a grant agreement(s); and

# **D R A F T**

4. Authorizes the Deputy Director of the Division to terminate a grant agreement where there is a violation of a material provision of the agreement by the recipient.

## **CERTIFICATION**

The undersigned Clerk to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on July 6, 2016.

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Jeanine Townsend  
Clerk to the Board