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March 10, 2015

Douglas Bosco, Chair
State Coastal Conservancy Board
1330 Broadway, Suite 1300
Oakland, CA 94618

MANAGEMENT BOARD:

*Bay Area Audubon Council
Bay Area Open Space Council
Bay Planning Coalition
Citizens Committee to
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National Audubon Society
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Save the Bay
The Bay Institute*

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San Francisco Estuary Project
SF Bay Regional Water Quality
Control Board
State Coastal Conservancy
U.S. Army Corps of Engineers
U.S. Environmental
Protection Agency
U.S. Fish & Wildlife Service
U.S. Geological Survey
Wildlife Conservation Board*

SUBJECT: Support for San Francisco Bay Living Shorelines Phase Two Project

Dear Chairman Bosco,

I am writing on behalf of the San Francisco Bay Joint Venture (SFBJV) in support of the multi-habitat, multi-objective San Francisco Bay Living Shorelines Phase Two Project.

The SFBJV is a partnership of non-governmental organizations, utilities, landowners, and agencies with a goal to acquire, restore and enhance wetlands and riparian habitats and associated uplands, and sub-tidal habitats to benefit birds, fish, and other wildlife in the San Francisco Bay Area. The SFBJV is one of the eighteen federally-sponsored habitat Joint Ventures to implement the North American Wetlands Conservation Act and federal bird conservation plans. The SFBJV Implementation Plan, *Restoring the Estuary* is based on the goals established in the Baylands Habitat Goals Report and, targets nearly 200,000 acres of wetlands and riparian habitats for protection, restoration, or enhancement through our partners' funding and expertise. The SFBJV also assists our partners to implement projects in the Subtidal Goals Project that meet the goals of the SFBJV. The SFBJV Management Board consists of 27 agencies and private organizations whose members agree to support and promote the goal and objectives of the Joint Venture and who represent the diversity of wetlands interests found in the San Francisco Bay Region.

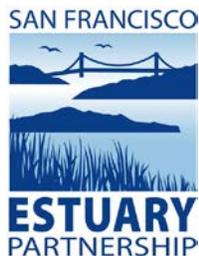
We support the staff recommendation to fund the design, implementation, and monitoring of a Phase Two Living Shorelines Project to be conducted at one site that will be selected from seven candidate sites in San Francisco Bay. This project is unique in that it is one of the limited number of projects that integrates subtidal, intertidal, and upland transition zone habitats. Initial Living Shoreline subtidal projects have contributed to physical processes such as attenuating wave erosion outboard of marshes and reducing wave fetch and erosion. But the biological values are of equal importance to the SFBJV. The reefs have demonstrated that they support native oysters and, in turn, the foraging value for waterfowl, species of concern to the SFBJV. The multi-habitat component of re-vegetating tidal marshes creates multiple biological and physical benefits to the entire San Francisco Bay ecosystem.

The SFBJV has actively been assisting the Conservancy in its efforts to secure funding from federal sources to support Living Shorelines and the SF Bay Multi-habitat Enhancement Projects. Funding from the Conservancy will deliver Phase 2 of the Living Shoreline project and will provide non-federal "match" that can potentially attract funding for future phases or similar projects.

For these reasons, the SFBJV requests that you consider funding this important project. If you have any questions, please contact the SFBJV Coordinator, Beth Huning.

Sincerely,

Diane Ross Leech
Past Chair



March 9, 2015

Douglas Bosco, Chair
State Coastal Conservancy Board
1330 Broadway, Suite 1300
Oakland, CA 94618

Re: March 26 Board Meeting, Support letter for San Francisco Bay Living Shorelines Phase Two Project

Dear Mr. Bosco,

This letter is in support of the multi-habitat, multi-objective San Francisco Bay Living Shorelines Phase Two Project. The San Francisco Estuary Partnership was pleased to coordinate funding for the first phase of the project through the San Francisco Water Quality Improvement Fund. We are encouraged by the successes that phase has demonstrated and want to express our support for continued work to expand the pilot into new areas.

Living Shorelines work implements key portions of the Comprehensive Conservation and Management Plan (CCMP) that guides the Partnership's work and collaborations with partners. The integration of forward-thinking climate change adaptation into habitat restoration provides an opportunity to test out new methods that can be applied to other projects. The data it generates will be a valuable base for lessons learned to apply to projects to restore the Estuary to greater health.

We support these pilot projects to test the effectiveness of this joint technique to restore subtidal habitat, soften shorelines, and develop climate change adaptation techniques specific to San Francisco Bay.

Thank you for your consideration of this important project. If you have any questions, please don't hesitate to contact me at 510-622-8137.

Sincerely,

A handwritten signature in blue ink that reads "Judy A. Kelly".

Judy A. Kelly, Program Manager

CC: Marilyn Latta, Project Manager

Exhibit 3



March 2, 2015

Douglas Bosco, Chair
State Coastal Conservancy Board
1330 Broadway, Suite 1300
Oakland, CA 94618

Re: March 26 Board Meeting, Support letter for San Francisco Bay Living Shorelines Phase Two Project

Dear Mr. Bosco,

This letter is in support of the multi-habitat, multi-objective San Francisco Bay Living Shorelines Phase Two Project. Save the Bay supports this work which will address climate change impacts and increase the resiliency of important habitats in San Francisco Bay.

We support this staff recommendation to fund the design, implementation, and monitoring of the Phase Two Living Shorelines Project demonstration project to be conducted at one site that will be selected from seven candidate sites in San Francisco Bay. These seven test plot sites and one final site chosen for the LSP pilot project will also incorporate a new approach of integrating subtidal reef (eelgrass vegetation) and intertidal reef (oyster bed installation) restoration with coastal wetland restoration, through the revegetation of the adjacent coastal wetland with native cordgrass and gumplank and other native plants. This work dovetails with the ongoing Conservancy Invasive *Spartina* Project (ISP) and the efforts under the ISP to revegetate areas from which invasive *Spartina* has been removed. In addition, it also serves to create integrated habitat to achieve multiple biological and physical benefits for the larger San Francisco Bay ecosystem.

This natural bank stabilization approach can be utilized in low- to medium-energy coastal and estuarine environments, as well as in tidally influenced creeks, streams, and rivers. Living Shoreline projects have been successfully tried and tested by the U.S. National Oceanic and Atmospheric Administration (NOAA) and other collaborating organizations for more than two decades on the East Coast and in areas of the Gulf Coast.

We support these pilot projects to test the effectiveness of this joint technique to restore subtidal habitat, soften shorelines, and develop climate change adaptation techniques specific to San Francisco Bay. Thank you for your consideration of this important project. If you have any questions, please don't hesitate to contact me [at dlewis@savesfbay.org](mailto:dlewis@savesfbay.org)

Sincerely,

A handwritten signature in black ink that reads "David Lewis". The signature is written in a cursive, flowing style.

David Lewis, Executive Director
Save The Bay

CC: Marilyn Latta, Project Manager





March 12, 2015

Douglas Bosco, Chair
State Coastal Conservancy Board
1330 Broadway, Suite 1300
Oakland, CA 94618

Re: March 26 Board Meeting, Support letter for San Francisco Bay Living Shorelines Phase Two Project

Dear Mr. Bosco,

This letter is in support of the multi-habitat, multi-objective San Francisco Bay Living Shorelines Phase Two Project. Baykeeper is a non-profit organization with the mission of protecting and enhancing water quality of San Francisco Bay for the benefit of its ecosystems and surrounding communities. Demonstration projects, such as the Living Shorelines Project, are critical to advancing sea level rise adaptation efforts and achieving water quality improvements.

We support this staff recommendation to fund the design, implementation, and monitoring of a Phase Two Living Shorelines Project demonstration project to be conducted at one site that will be selected from seven candidate sites in San Francisco Bay. These seven test plot sites and one final site chosen for the LSP pilot project will also incorporate a new approach of integrating subtidal reef (eelgrass vegetation) and intertidal reef (oyster bed installation) restoration with coastal wetland restoration, through the revegetation of the adjacent coastal wetland with native cordgrass and gumplant and other native plants. Not only does this dovetail with the ongoing Conservancy Invasive *Spartina* Project (ISP) and the efforts under the ISP to revegetate areas from which invasive *Spartina* has been removed, but it also serves to create integrated habitat to achieve multiple biological and physical benefits for the larger San Francisco Bay ecosystem.

This natural bank stabilization approach can be utilized in low- to medium-energy coastal and estuarine environments, as well as in tidally influenced creeks, streams, and rivers. Living Shoreline projects have been successfully tried and tested by the U.S. National Oceanic and Atmospheric Administration (NOAA) and other collaborating organizations for more than two decades on the East Coast and in areas of the Gulf Coast.

Baykeeper supports these pilot projects to test the effectiveness of this technique to restore subtidal habitat, soften shorelines, and develop climate change adaptation techniques.

Thank you for your consideration of this important project. If you have any questions, please don't hesitate to contact me at ian@baykeeper.org or (510) 735-9700 x.108.

Sincerely,

A handwritten signature in black ink, appearing to read "Ian Wren".

Ian Wren, Staff Scientist, San Francisco Baykeeper
CC: Marilyn Latta, Project Manager



Pollution hotline: 1 800 KEEP BAY
www.baykeeper.org

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