



bay restoration commission

STEWARDS OF SANTA MONICA BAY

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November 9, 2018

Agenda Item: 3b(iii)

To: Executive Committee

From: Guangyu Wang, Chief Administrative Director

Re: Consideration of Governing Board Approval of Proposition
12 Funding Recommendations

Action Requested of the Executive Committee:

Place review and approval of Proposition 12 funding recommendations on the agenda of the December 13, 2018 Governing Board meeting

Background

On March 7, 2000, California voters approved Proposition 12 (Prop 12) – the Safe Neighborhood Parks, Clean Water, Clean Air and Coastal Protection Bond Act of 2000. This bond measure provided \$2.1 billion for parks and natural resource protection programs throughout the state. Within Prop 12, over \$220 million was allocated to the State Coastal Conservancy (SCC), with \$25 million of SCC’s allocation specifically designated for restoration of Santa Monica Bay (SMB).

Prop 12 provides for SCC to use the SMB funds for “grants to public agencies and non-profits to implement storm water and urban runoff pollution prevention programs, habitat restoration, and other priority actions specified in the Santa Monica Bay Restoration Plan.” (Public Resources Code § 5096.352(b)). The Santa Monica Bay Restoration Commission (SMBRC) determines project eligibility and establishes grant priorities for SCC’s grants of these Prop 12 SMB funds.

To date, SCC has awarded over \$17 million of Prop 12 SMB funds for 49 projects in the SMB Watershed. In the Budget Act of 2017, the legislature appropriated the remaining balance of approximately \$6.9 million of Prop 12 funds designated for SMB. Remaining Prop 12 funds must be encumbered by June 30, 2020 and projects must be completed by March, 2022.

To meet the funding deadlines, a project solicitation notice and application guidelines were jointly announced by the SMBRC and the SCC on May 11,

2018. Since the announcement, seventeen applications have been received as of November 5, 2018. One application was withdrawn at the applicant's request, and one application was deemed ineligible.

SMBRC and SCC staff have evaluated all proposals received to date. Applicants were given the opportunity to answer additional questions, clarify application answers, and supply additional supporting documents. SMBRC and SCC staff also made site visits when appropriate.

At this time, with EC concurrence, staff is prepared to recommend the projects listed below to the Governing Board for approval at its December 13, 2018 meeting. Note that several projects do not have specific funding recommendations. Staff will develop funding level recommendations once remaining site visits are completed and additional information are received from applicants.

1. County of Los Angeles - The proposed Project consists of constructing an infiltration system and recreational and aesthetic improvements at Monteith Park and at View Park alley. Storm water will be diverted into the infiltration system and be allowed to percolate into the ground. The Project will prevent potentially polluted runoff from being discharged downstream thus improving the water quality in the Ballona Creek Watershed.

Funds Requested: \$1,500,000 - Total Project Cost \$3,711,505

Recommended Funding: Partial

2. The Bay Foundation -The Bay Foundation and Friends of Ballona Wetlands are partners on a restoration, stewardship, and community engagement project at the Ballona Wetlands Ecological Reserve. The proposed project will restore two acres of unique wetland and dune/upland habitat at the Reserve, and help ongoing restoration in adjacent areas through community restoration events. Restoration events will concentrate on managing invasive plant species on-site, revegetation as necessary with native plants, and monitoring to inform project success and adaptive management.

Funds Requested: \$90,000 – Total Project Cost: \$223,743

Recommended Funding: Partial/Full

3. Palos Verdes Peninsula Land Conservancy – The proposed project will restore 13 acres of rare coastal bluff habitat to support threatened and endangered wildlife and plant species, reduce coastal erosion, improve water infiltration

and enhance public access along the California Coastal Trail in Abalone Cove Reserve.

Funds Requested: \$201,280 – Total Project Cost: \$484,800

Recommended Funding: \$201,280

4. National Park Service - Reestablishment of California red-legged frogs (*Rana draytonii*) to the Santa Monica Mountains. The proposed project builds on an existing reintroduction project to save the rare California Red-Legged Frog (*Rana draytonii*) in a highly impacted Southern California urban landscape.

Funds Requested: \$160,000 – Total Project Cost: \$327,750

Recommended Funding: \$160,000

5. The Trust for Public Land - Acquisition of 91 acres of undeveloped land in Carbon Canyon, approximately 0.5 miles inland from Carbon Beach in Malibu. Ultimately owned and managed by the Mountains Recreation and Conservation Authority, this acquisition will prevent rural estate development in a fire-prone area, and will expand recreational and trail access in the region.

Funds Requested: \$350,000 – Total Project Cost: \$2,200,000

Recommended Funding: \$350,000

6. Southern California Marine Institute – The proposed project will restore 69 acres of lost rocky reef/kelp bed habitat on the Palos Verdes Peninsula. Quarry rock (70,000 tons) from Catalina Island will be used to construct the restoration reef. The reef will be designed in several configurations, which will allow applicant to determine the optimal configuration and the overall contribution of the restored reef to the nearshore ecosystem.

Funds Requested: \$1,176,470 – Total Project Cost: \$6,500,000

Recommended Funding: Partial

7. Las Virgenes Municipal Water District - The proposed project will construct a 100 gallon per minute, indirect potable water reuse demonstration project for reservoir augmentation that will produce up to 6 million gallons of local, drought resistant water supply per day, while improving in-stream habitat. The demonstration facility is needed to test the advanced microfiltration, reverse osmosis, ultraviolet light disinfection, and oxidation components of a Pure Water advanced treatment facility prior to implementation of a full-scale project.

Funds Requested: \$1,155,375 – Total Project Cost: \$2,534,000

Recommended Funding: Partial

8. City of Torrance (Lead for Torrance, Redondo Beach, Manhattan Beach and Hermosa Beach) – City of Torrance will act as the lead for this project to design and construct Green Street infrastructure to help meet water quality objectives set for the Santa Monica Bay Beaches for bacteria, DDT and PCBs, and marine debris Total Maximum Daily Loads (TMDLs). The proposed project will retrofit existing impervious areas within the public parkways and right-of-ways using green infrastructure technologies such as porous pavement, catch basin trash screens, bio-filtration/bio-retention systems and dry wells.

Funds Requested: \$2,550,000 – Total Project Cost: \$5,145,000

Recommended Funding: Partial

9. National Park Service - The project proposes to reduce sediment, capture and re-use stormwater, restore riparian habitat, increase natural flood attenuation, and protect historic structures at National Park Service's Paramount Ranch on Medea Creek, a tributary to Malibu Creek. The project includes stormwater capture BMPs, riparian restoration, pedestrian and equestrian bridges, and public education.

Funds Requested: \$516,106 – Total Project Cost: \$1,032,689

Recommended Funding: Partial/Full

10. California Department of Parks and Recreation - The proposed project will create an integrated restoration plan that incorporates fish passage, wetland habitat restoration, visitor services and recreational opportunities at Topanga Lagoon. The goal is to restore a self-sustaining functional lagoon at the only creek in the Santa Monica Mountains with a reproducing steelhead population. Applicant indicates that this project will result in design alternatives, completed CEQA, and a project that is ready for implementation.

Funds Requested: \$913,124 – Total Project Cost: \$1,072,124

Recommended Funding: Partial

Attachment – Summary of Proposition 12 Grant Funding Applications

Summary of Proposition 12 Grant Funding Applications (Received as of 11/05/2018)

1. County of Los Angeles - The proposed Project consists of constructing an infiltration system and recreational and aesthetic improvements at Monteith Park and at View Park alley. Stormwater will be diverted into the infiltration system and be allowed to percolate into the ground. The Project will prevent potentially polluted runoff from being discharged downstream thus improving the water quality in the Ballona Creek Watershed.

Funds Requested: \$1,500,000 - Total Project Cost \$3,711,505

2. The Bay Foundation -The Bay Foundation and Friends of Ballona Wetlands are partners on a restoration, stewardship, and community engagement project at the Ballona Wetlands Ecological Reserve. The proposed project will restore two acres of unique wetland and dune/upland habitat at the Reserve, and help ongoing restoration in adjacent areas through community restoration events. Restoration events will concentrate on managing invasive plant species on-site, revegetation as necessary with native plants, and monitoring to inform project success and adaptive management.

Funds Requested: \$90,000 – Total Project Cost: \$223,743

3. Palos Verdes Peninsula Land Conservancy – The proposed project will restore 13 acres of rare coastal bluff habitat to support threatened and endangered wildlife and plant species, reduce coastal erosion, improve water infiltration and enhance public access along the California Coastal Trail in Abalone Cove Reserve.

Funds Requested: \$201,280 – Total Project Cost: \$484,800

4. National Park Service - Reestablishment of California red-legged frogs (*Rana draytonii*) to the Santa Monica Mountains. The proposed project builds on an existing reintroduction project to save the rare California Red-Legged Frog (*Rana draytonii*) in a highly impacted Southern California urban landscape.

Funds Requested: \$202,100 – Total Project Cost: \$422,300

5. The Trust for Public Land – Acquisition of 91 acres of undeveloped land in Carbon Canyon, approximately 0.5 miles inland from Carbon Beach in Malibu. The property will ultimately be owned and managed by the Mountains Recreation and Conservation Authority, this acquisition will prevent rural estate development in a fire-prone area, and will expand recreational and trail access in the region.

Funds Requested: \$350,000 – Total Project Cost: \$2,200,000

6. Southern California Marine Institute – The proposed project will restore 69 acres of lost rocky reef/kelp bed habitat on the Palos Verdes Peninsula. Quarry rock (70,000 tons) from Catalina Island will be used to construct the restoration reef. The reef will be designed in several configurations, which will allow applicant to determine the optimal configuration and the overall contribution of the restored reef to the nearshore ecosystem.

Funds Requested: \$1,176,470 – Total Project Cost: \$6,500,000

7. Las Virgenes Municipal Water District - The project proposes to construct a 100 gallon per minute, indirect potable water reuse demonstration project for reservoir augmentation that will produce up to 6 million gallons of local, drought resistant water supply per day, while improving in-stream habitat. The

demonstration facility is needed to test the advanced microfiltration, reverse osmosis, ultraviolet light disinfection, and oxidation components of a Pure Water advanced treatment facility prior to implementation of a full-scale project.

Funds Requested: \$1,155,375 – Total Project Cost: \$2,534,000

8. City of Torrance (Lead for Torrance, Redondo Beach, Manhattan Beach and Hermosa Beach Project) – City of Torrance will act as the lead for this project to design and construct Green Street infrastructure to help meet water quality objectives set for the Santa Monica Bay Beaches for bacteria, DDT and PCBs, and marine debris Total Maximum Daily Loads (TMDLs). The Beach Cities (Torrance, Redondo Beach, Manhattan Beach and Hermosa Beach) will retrofit existing impervious areas within the public parkways and right-of-ways using green infrastructure technologies such as porous pavement, catch basin trash screens, bio-filtration/bio-retention systems and dry wells.

Funds Requested: \$2,550,000 – Total Project Cost: \$5,145,000

9. National Park Service - The project proposes to reduce sediment, capture and re-use stormwater, restore riparian habitat, increase natural flood attenuation, and protect historic structures at National Park Service's Paramount Ranch on Medea Creek, a tributary to Malibu Creek. The project includes stormwater capture BMPs, riparian restoration, pedestrian and equestrian bridges, and public education.

Funds Requested: \$516,106 – Total Project Cost: \$1,032,689

10. California Department of Parks and Recreation (State Parks) - The proposed project will create an integrated restoration plan that incorporates fish passage, wetland habitat restoration, visitor services and recreational opportunities at Topanga Lagoon. The goal is to restore a self-sustaining functional lagoon at the only creek in the Santa Monica Mountains with a reproducing steelhead population. Applicant indicates that this project will result in design alternatives, completed CEQA, and a project that is ready for implementation.

Funds Requested: \$913,124 – Total Project Cost: \$1,072,124

11. Las Virgenes Municipal Water District – The proposed project will implement upgrades to Tapia Water Reclamation Facility to achieve water quality improvements, enhance in-stream habitat and provide critical in-stream flow to support endangered steelhead trout in Malibu Creek. To achieve NPDES permit and TMDL compliance, an additional treatment process (break-point chlorination) will be implemented to reduce total nitrogen prior to discharge to Malibu Creek.

Funds Requested: \$630,000 – Total Project Cost: \$1,260,000

12. City of Calabasas - The proposed project will include the redesign of sections along Malibu Hills Road in Calabasas with green infrastructure through the addition of three medians with bio-filtration systems that help filter out existing surface flow pollutants through natural systems. The project includes the planting of trees along the roadways and the replacement of existing surfaces with a permeable surface.

Funds Requested: \$550,000 – Total Project Cost: \$1,100,000

13. County of Los Angeles - The proposed Project consists of constructing a stormwater filtration system at Viewridge Road and Topanga Canyon Boulevard. Stormwater will also be diverted into a cistern to be used for irrigation purposes. The Project will prevent potentially polluted runoff from being discharged downstream, improving the water quality in the North Santa Monica Bay Watershed.

Funds Requested: \$1,650,000 – Total Project Cost: \$7,520,000

14. Loyola Marymount University Coastal Research Institute - The proposed project will construct a greenhouse facility to support native plant propagation and growth for habitat restoration projects in coastal Los Angeles. The project will benefit ongoing restorations, improve climate resilience, improve capacity for seed collection and germination research, and engage the community, through construction of greenhouse facilities and collection and growth of a variety of native plant species to support restoration projects.

Funds Requested: \$1,580,371 – Total Project Cost: \$2,236,981

15. West Basin Municipal Water District – The proposed Project will assist 13 cities and LA County within the Santa Monica Bay (SMB) watershed to become more water efficient and decrease dry-weather runoff and pollutant loading into the SMB through retrofits of street medians and parkways. The Program will provide grant funding, up to \$25,000 per project site, to implement water saving and runoff reduction measures, for 20 street median/parkway locations. Total expected water savings is 8.75 AFY and 100% runoff reduction.

Funds Requested: \$708,228 – Total Project Cost: \$500,000

our mission: to restore and enhance the santa monica bay through actions and partnerships that improve water quality, conserve and rehabilitate natural resources, and protect the bay's benefits and values

