



bay restoration commission

STEWARDS OF SANTA MONICA BAY

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February 11, 2016

Agenda Item #3 c

To: Governing Board, SMBRC

From: Tom Ford, Executive Director

Re: Santa Monica Bay Restoration Authority (SMBRA) FY 2015-2016 and 2016-2017 Budgets

Action Requested of the Governing Board:

- Review and approval of the SMBRA FY 2015-2016 and 2016-2017 Budgets

Background

The SMBRA was created by a joint exercise of powers agreement between the Santa Monica Bay Restoration Commission (SMBRC) and the Los Angeles County Flood Control District (District) and operates as a local public agency within the Santa Monica Bay Watershed and the jurisdictional boundaries of the SMBRC and the District with the purpose of broadening funding opportunities for projects within the Santa Monica Bay and watershed.

The SMBRA Governing Board met earlier this month, adopting its FY 2015-2016 and 2016-2017 budgets. The joint exercise of powers agreement requires the Santa Monica Bay Restoration Commission (SMBRC) and Los Angeles County Board of Supervisors to review and consider approval of the SMBRA annual budget following approval by the SMBRA Governing Board.

On pages two through four of this report you will find descriptions for four projects for FY 2015-2016 and 2016-2017.

On pages five and seven of this report you will find and overall budget for the SMBRA for FY 2015-2016 and 2016-2017, respectively, as well detailed budgets for each of the aforementioned projects.



Project Descriptions for SMBRA for 2016 & 2017

Los Angeles World Airports Dunes Restoration Project

The goal of this newly-proposed project is to restore and enhance the natural habitats and implement effective long-term habitat management at LAX dunes through collaboration between the Los Angeles World Airports (LAWA) and the SMBRA. LAWA and the SMBRA will mutually benefit from this cooperation with sharing of costs and resources as the project will greatly advance the goals and objectives called for by the Bay Restoration Plan as well as various restoration and management plans of the dune habitats adopted over the years by LAWA. The project also provides for research opportunities, community involvement and environmental awareness and stewardship, youth and workforce development, rare species and habitat preservation and enhancement, and the maintenance of the dunes facility and safe airport operations.

The project will advance the mission of the SMBRC and the goals of the Bay Restoration Plan (BRP) by enhancing and expanding restoration of LAX and El Segundo Dunes (Goal #8, Milestone 8.1b of the BRP).

The project is also consistent with, and will advance the mission of the FCD by educating the public about the FCD's efforts to improve water quality in the Santa Monica Bay. The FCD owns and operates 21 storm drain low-flow diversion (LFD) structures throughout Santa Monica Bay to redirect urban runoff from storm drains for treatment at a nearby waste water treatment plant. The Westchester LFD takes urban runoff from a storm drain that runs underneath the Dunes Restoration Project site and diverts it to the Hyperion Plant for treatment. The public education component of the Dunes Restoration Project will include educational messages for urban and stormwater runoff pollution prevention and the role of the LFDs in this context.

Clean Vessel Act (CVA) – Boater Education Program

Through a multi-year grant from the California State Parks Division of Boating and Waterway Division to the SMBRA from the State. The goals of this ongoing program are to reduce water contamination from boating activities through pump out station monitoring, mobile pump out service outreach (Honey Pot Day), direct boater outreach, and volunteer development and coordination (Dockwalker).

The project will advance the mission of the SMBRC and the goals of the Bay Restoration Plan (BRP) by reducing pollution from commercial and recreational activities (Goal #2, Milestones 2.4a.b of the BRP). The project is also consistent with, and will advance the mission of the FCD through public education and outreach to achieve removal of pollutants from water bodies that are hydraulically connected to the FCD's storm drain



systems (e.g. Marina del Rey). Reduction of pollutant loading to these water bodies will also contribute significantly to the compliance of the FCD's MS4 permit requirements.

Wetland Protection Development Project (WPDG)

Through a grant from the US EPA Wetland Protection Development Grant Program to the SMBRA, the goal of this project is to advance a coordinated and consistent approach to wetland monitoring and assessment in accordance with the monitoring and assessment strategies developed by the State of California and USEPA. This project will build upon substantive efforts initiated in recent years to develop standardized intensive (i.e. Level 3, L3) wetland assessment methods. The resulting framework will address the need for tools to enable an effective, comprehensive and cohesive statewide monitoring strategy.

The intensive methods provide information on ecological function, are more diagnostic of restoration performance and regulatory compliance, and are important for the validation of rapid assessment methods. The lack of consistent approaches to intensive assessment limits our ability to share information between projects, precludes use of L3 data in ambient monitoring, and fosters inefficiencies as each project develops independent, non-comparable protocols and databases. Specifically, this project will field test and conduct comparative analysis at several wetland locations throughout Southern California (including Ballona Wetlands). Timing is optimal for this project to meet the need for the expansion of the development, evaluation, and implementation of standardized L3 assessment procedures.

The project will advance the mission of the SMBRC and the goals of the Bay Restoration Plan (BRP) by developing and implementing a long-term monitoring program for Ballona Wetlands (Goal #7, Milestone 7.1b of the BRP). The project is also consistent with, and will advance the mission of the FCD through development of monitoring program and collection of monitoring data critical to the preservation and restoration of the natural habitats located on or hydraulically connected to the FCD's flood control system (Ballona Wetlands and Ballona Creek). Preservation and restoration of the wetland habitats provide flood control benefits and contribute to improvement in water quality and compliance with the TMDLs for these water bodies. Information collected through this project will also help to inform and educate the public regarding the ecological and aesthetic values of these natural habitats.





Malibu Lagoon – Restoration and Enhancement Project – Monitoring Grant

Through a grant from the California Department of Parks and Recreation to the SMBRA, the goal of this project is to assess and document the post-restoration habitat conditions of Malibu Lagoon. Specifically, the project goal will be achieved through organization and performance of all surveys, monitoring, data analysis and reporting needed to meet the required Coastal Development Permit conditions for the Malibu Lagoon Restoration and Enhancement Project (COP # 4-07-098) as documented in Biological and Water Quality Monitoring Plan and Vegetation Assessment and Monitoring Plan. The project also involves coordination and supervision for volunteer plant maintenance crews. All data collected each year will be compiled, analyzed, and a cumulative annual report will also be produced under this project.

The project will advance the mission of the SMBRC and the goals of the Bay Restoration Plan (BRP) by conducting post-restoration monitoring & maintenance for Malibu Lagoon (Goal #7, Milestone 7.2a of the BRP). The project is also consistent with, and will advance the mission of the FCD through development of a monitoring program and collection of monitoring data critical to the preservation and restoration of the natural habitats located on or hydraulically connected to the FCD's flood control system (Malibu Lagoon and Malibu Creek). Preservation and restoration of the wetland habitats provide flood control benefits and contribute to improvement in water quality and compliance with the TMDLs for these water bodies. Information collected through this project will also help to inform and educate the public regarding the ecological and aesthetic values of these natural habitats.





SANTA MONICA BAY RESTORATION AUTHORITY		PAGE 1 OF 2
PROPOSED 2015-2016 BUDGET		
REVENUE:		
Los Angeles World Airports Dunes agreement**	\$	94,000
Clean Vessel Act (CVA) - Boater Education Grant*	\$	190,807
Wetland Protection Development Project (WPDG) Grant*	\$	99,937
Malibu Lagoon Restoration and Enhancement Project Agreement*	\$	140,196
OTHER:		
County of Los Angeles contribution***	\$	10,535
TOTAL REVENUE:	\$	535,474
EXPENSES:		
Los Angeles World Airports Dunes Project		
TASK NO.	TASK DESCRIPTION	
1	LAWA-Approved Activities for the Ongoing Trained Identification and Removal of Invasive Plant Species, Planting of Native Species, and Habitat Maintenance for the LAX Coastal Dunes Improvement Project (CDIP)	45,150
2	Annual Management Plans and Quarterly Progress Reports Prepared for LAWA	4,900
3	Recruitment, Training, and Management of Volunteer Workers	2,450
4	Data Collection and Monitoring of Restoration Efforts and Preparation of Landscaping Monitoring Report(s)	39,500
5	Revised or Supplemental Ecological Landscaping Plan(s)	-
6	Public Relations, Media, and Community Engagement	2,000
7	Identification of Additional Funding for Ecological Habitat Restoration	-
PROJECT TOTAL		\$ 94,000
Clean Vessel Act (CVA) - Boater Education Program		
TASK NO.	TASK DESCRIPTION	
1	Pumpout Monitoring Activities	16,736
2	Mobile Pumpout Service Outreach - Honey Pot Day Activities	30,499
3	Direct Boater Outreach Events	58,394
4	Volunteer Development and Coordination - Dockwalker Program Activities	41,237
5	Project Management Activities	43,941
PROJECT TOTAL		\$ 190,807

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Wetland Protection Development Project (WPDG) Project		
TASK NO.	TASK DESCRIPTION	
1	Consolidate Regional Data Sets	13,667
2	Field Implementation of Level 3 Monitoring Protocols	41,833
3	Refine Level 3 Monitoring Manual	40,500
4	Outreach and Data Management	3,937
PROJECT TOTAL		\$ 99,937
Malibu Lagoon Restoration and Enhancement Project		
TASK NO.	TASK DESCRIPTION	
1	Project Management	\$22,648
2	Download and clean data, maintain database	\$7,764
3	Field surveys	\$24,132
4	Chemistry lab analyses	\$20,571
5	Benthic macroinvertebrate lab analyses	\$26,331
6	Avian monitoring (Cooper Ecological Monitoring Inc.)	\$9,643
7	Fish Surveys (none)	\$0
8	Annual reporting	\$5,357
9	Data probe maintenance	\$6,429
10	Data probe replacement	\$3,214
11	Mileage	\$1,211
12	Equipment and supplies	\$3,750
13	Volunteer Management	\$9,145
PROJECT TOTAL		\$ 140,196
OTHER EXPENSES:		
	Annual Audit and Board Bond	\$ 10,535
TOTAL EXPENSES:		\$ 535,474
TOTAL REVENUE OVER/(UNDER) EXPENSES:		\$ -
* Secure revenue, funding agreement in place		
** Likely funding, but no executed agreement yet		
*** Secure revenue, committed funds from County of LA		





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PROPOSED 2016-2017 BUDGET		
REVENUE:		
Los Angeles World Airports Dunes agreement***	\$	79,000
Clean Vessel Act (CVA) - Boater Education Grant**	\$	199,643
Wetland Protection Development Project (WPDG) Grant*	\$	99,937
Malibu Lagoon Restoration and Enhancement Project Agreement*	\$	140,196
OTHER:		
County of Los Angeles contribution****	\$	10,535
TOTAL REVENUE:	\$	529,311
EXPENSES:		
Los Angeles World Airports Dunes Project		
TASK NO.	TASK DESCRIPTION	
1	LAWA-Approved Activities for the Ongoing Trained Identification and Removal of Invasive Plant Species, Planting of Native Species, and Habitat Maintenance for the LAX Coastal Dunes Improvement Project (CDIP)	35,400
2	Annual Management Plans and Quarterly Progress Reports Prepared for LAWA	4,400
3	Recruitment, Training, and Management of Volunteer Workers	2,200
4	Data Collection and Monitoring of Restoration Efforts and Preparation of Landscaping Monitoring Report(s)	35,000
5	Revised or Supplemental Ecological Landscaping Plan(s)	-
6	Public Relations, Media, and Community Engagement	2,000
7	Identification of Additional Funding for Ecological Habitat Restoration	-
PROJECT TOTAL		\$ 79,000
Clean Vessel Act (CVA) - Boater Education Program		
TASK NO.	TASK DESCRIPTION	
1	Pumpout Monitoring Activities	16,736
2	Mobile Pumpout Service Outreach - Honey Pot Day Activities	32,865
3	Direct Boater Outreach Events	64,061
4	Volunteer Development and Coordination - Dockwalker Program Activities	41,237
5	Project Management Activities	44,744
PROJECT TOTAL		\$ 199,643

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PROJECT TOTAL		\$ 99,937
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12	Equipment and supplies	\$3,750
13	Volunteer Management	\$9,145
PROJECT TOTAL		\$ 140,196
OTHER EXPENSES:		
	Annual Audit and Board Bond	\$ 10,535
TOTAL EXPENSES:		\$ 529,311
TOTAL REVENUE OVER/(UNDER) EXPENSES:		\$ -
* Secure revenue, funding agreement in place		
** Partially secure funding		
*** Likely funding, but no executed agreement yet		
**** Secure revenue, committed funds from County of LA		

