



# bay restoration authority

STEWARDS OF SANTA MONICA BAY

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**February 5, 2016**

**Agenda Item #5**

To: Governing Board, Santa Monica Bay Restoration Authority (SMBRA)

From: Tom Ford, Executive Director

Re: SMBRA FY 2015-2016 and 2016-2017 Budgets

**Action Requested of the Governing Board:**

- Review and approve 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 (FCD) and operates as a local public agency within the Santa Monica Bay Watershed and the jurisdictional boundaries of the SMBRC and the FCD with the purpose of broadening funding opportunities for projects within the Santa Monica Bay.

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. Because the proposed SMBRA budgets represent four multi-year programs, it is possible to accurately review and consider approval of more than a single year budget. Thus, the budget for the current and following fiscal years is presented to the board.

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

On pages five and seven of this report you will find an overall budget for the SMBRA for FY 2015-2016 and FY 2016-2017 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 objective called for by the Bay Restoration Plan as well as various restoration and management plan 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 is 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 pumpout station monitoring, mobile pumpout 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) Project**

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 and a framework and fill the need for an expansion of these effort necessary to continue progressing towards a 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) the Level 3 intensive methods. 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, Milestones 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 benefit 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-retoration monitoring & maintenance for Malibu Lagoon (Goal #7, Milestones 7.2a 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 (Malibu Lagoon and Malibu Creek). Preservation and restoration of the wetland habitats provide flood control benefit 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		
<b>REVENUE:</b>		
	Los Angeles World Airports Dunes agreement**	\$ 94,000
	Clean Vessel Act (CVA) - Boater Education Grant*	\$ 190,807
	Wetland Protection Development Project (WPDG) 2 Grant*	\$ 99,937
	Malibu Lagoon Restoration and Enhancement Project Agreement*	\$ 140,196
	OTHER:	
	County of Los Angeles contribution***	\$ 10,535
<b>TOTAL REVENUE:</b>		<b>\$ 535,474</b>
<b>EXPENSES:</b>		
<b>Los Angeles World Airports Dunes Project</b>		
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	-
<b>PROJECT TOTAL</b>		<b>\$ 94,000</b>
<b>Clean Vessel Act (CVA) - Boater Education Program</b>		
TASK NO.	TASK DESCRIPTION	
1	Pumpout Monitoring Activities	16,736
2	Mobile Pumpout Service Outreach - Honey Pot Dat 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
<b>PROJECT TOTAL</b>		<b>\$ 190,807</b>



<b>Wetland Protection Development Project (WPDG) 2 Project</b>		
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
<b>PROJECT TOTAL</b>		<b>\$ 99,937</b>
<b>Malibu Lagoon Restoration and Enhancement Project</b>		
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	Date probe replacement	\$3,214
11	Mileage	\$1,211
12	Equipment and supplies	\$3,750
13	Volunteer Management	\$9,145
<b>PROJECT TOTAL</b>		<b>\$ 140,196</b>
<b>OTHER EXPENSES:</b>		
	Annual Audit and Board Bond	\$ 10,535
<b>TOTAL EXPENSES:</b>		<b>\$ 535,474</b>
<b>TOTAL REVENUE OVER/(UNDER) EXPENSES:</b>		<b>\$ -</b>
* Secure revenue, funding agreement in place		
** Likely funding, but no executed agreement yet		



SANTA MONICA BAY RESTORATION AUTHORITY		PAGE 1 OF 2
PROPOSED 2016-2017 BUDGET		
<b>REVENUE:</b>		
	Los Angeles World Airports Dunes agreement***	\$ 79,000
	Clean Vessel Act (CVA) - Boater Education Grant**	\$ 199,643
	Wetland Protection Development Project (WPDG) 2 Grant*	\$ 99,937
	Malibu Lagoon Restoration and Enhancement Project Agreement*	\$ 140,196
	OTHER:	
	County of Los Angeles contribution****	\$ 10,535
<b>TOTAL REVENUE:</b>		<b>\$ 529,311</b>
<b>EXPENSES:</b>		
<b>Los Angeles World Airports Dunes Project</b>		
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	-
<b>PROJECT TOTAL</b>		<b>\$ 79,000</b>
<b>Clean Vessel Act (CVA) - Boater Education Program</b>		
TASK NO.	TASK DESCRIPTION	
1	Pumpout Monitoring Activities	16,736
2	Mobile Pumpout Service Outreach - Honey Pot Dat 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
<b>PROJECT TOTAL</b>		<b>\$ 199,643</b>



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<b>Wetland Protection Development Project (WPDG) 2 Project</b>		
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
<b>PROJECT TOTAL</b>		<b>\$ 99,937</b>
<b>Malibu Lagoon Restoration and Enhancement Project</b>		
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	Date probe replacement	\$3,214
11	Mileage	\$1,211
12	Equipment and supplies	\$3,750
13	Volunteer Management	\$9,145
<b>PROJECT TOTAL</b>		<b>\$ 140,196</b>
OTHER EXPENSES:		
	Annual Audit and Board Bond	\$ 10,535
<b>TOTAL EXPENSES:</b>		<b>\$ 529,311</b>
<b>TOTAL REVENUE OVER/(UNDER) EXPENSES:</b>		<b>\$ -</b>
* Secure revenue, funding agreement in place		
** Partially secure funding		
*** Likely funding, but no executed agreement yet		
**** Secure revenue, committed funds from County of LA		

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STEWARDS OF SANTA MONICA BAY



*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*