



# bay restoration commission

STEWARDS OF SANTA MONICA BAY

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June 13, 2013

Agenda Item 3c

To: Governing Board, SMBRC  
From: Shelley Luce, Executive Director  
Subject: Review of Draft Bay Restoration Plan Update Section A: Water Quality

## **Action Requested of the Governing Board:**

Review and comment on the attached portion of the draft 2013 Bay Restoration Plan.

## **Summary**

An Excel spreadsheet that contains the first part of the draft 2013 Bay Restoration Plan (BRP) Update is attached for your review and comments. It includes all draft goals, objectives, and milestones in Section A. Priority Issue: Water Quality. This draft was developed following staff presentation and discussion at the last Governing Board meeting on April 18 on the identified set of “top ten” issues. The draft was also reviewed by, and incorporated comments from, the Executive Committee at its May 16 meeting and from the Technical Advisory Committee during a special webinar on May 24.

To assist members in reviewing this draft document, in addition to the list of objectives and milestones, the file includes a brief explanation (Column H) for each milestone on whether it remains the same, is revised and/or re-numbered, or is completely new, as compared to the existing BRP. The file also contains a list of milestones recommended for deletion and a brief rationale for these deletions. At the upcoming June 20 Governing Board meeting, staff will give a presentation highlighting the major changes and receive feedback from Governing Board members. Staff will also discuss next steps, including proposed a timeline and process for finalizing this and remaining parts of the 2013 BRP Update.



Santa Monica Bay Restoration Plan 2013 Update (05/16/13 Draft)							
Goal	Objective	Milestone	Implementation Lead	Implementation Partners	Role of the SMBRC	Note	
		Description	Target Date				
<b>SECTION A. WATER QUALITY</b>							
<b># 1: Improve water quality through treatment or elimination of pollutant discharges regulated under the current federal and state regulatory framework</b>	1.1: Attain water quality goals in TMDLs adopted for 303(d) listed waterbodies in the Santa Monica Bay watershed.	1.1a Update existing TMDLs and develop new TMDLs for the remaining 303(d) listed waterbodies in the Santa Monica Bay watershed.	2023	LARWQCB, EPA	LA County and watershed cities	Support and facilitate	Revised to reflect the new focus on the scheduled reopening of existing TMDLs and remaining 303(d) listed waterbodies.
		1.1b. Facilitate achievement of TMDL waste load and load allocation targets through implementation of enhanced watershed management plans under the MS4 permit.	2018	LARWQCB, LA County and watershed cities	Other permitted dischargers	(1). Participate and promote; (2). Provide technical support	Revised to advocate the new TMDL implementation approach adopted by the MS4 permit.
		1.1c Achieve TMDL waste load and load allocation targets with prioritization of TMDLs with near-term deadlines for waterbodies in the Santa Monica Bay watershed,		LA County and watershed cities	LARWQCB	Support and facilitate	New. Added in response to WAC comment to prioritize TMDLs with closer deadlines.
		1.1d. Facilitate and support TMDL implementation through progress and achievement recognition and information sharing on effective and successful implementation approaches and tools.	2018	LA County and watershed cities	LARWQCB	Lead	New. Added in response to EC comments.
		1.2. Eliminate and prevent water and sediment quality impairments from both point and nonpoint sources for waterbodies in the Malibu Creek watershed	1.2a Complete development of the Malibu Creek nutrient and benthic TMDL and the TMDL implementation plan with enhanced stakeholder participation.	2013	EPA, LARWQCB	LVMWD, Malibu watershed cities, park agencies in the Santa Monica Mountains Area	Participate and facilitate, technical assistance
		1.2b Facilitate achievement of TMDL allocation targets through new nonpoint source control measures such as improved fertilizer management in the Malibu Creek watershed	2015	LVMWD, Malibu watershed cities, park agencies in the Santa Monica Mountains Area		Promote	NEW. Added to advocate additional upper watershed nonpoint source control.
		1.2c Conduct monitoring to provide information on the impacts of groundwater discharge from upper watershed to Malibu Creek and Lagoon.	2015	LVMWD, Malibu watershed cities, park agencies in the Santa Monica Mountains Area	RWQCB, EPA	Support	Revised from original Milestone 1.2a.to shift focus from Malibu Civic Center to the upper watershed.



Goal	Objective	Milestone		Implementation Lead	Implementation Partners	Role of the SMBRC	Note
		Description	Target Date				
	1.7 Eliminate nonpoint pollution from on-site wastewater treatment system (OSWTs)	1.7a Implement the septic prohibition regulation for the Malibu Civic Center area and complete construction of the centralized wastewater treatment facility for civic center with advanced tertiary treatment and water recycling capability by 20xx.	20xx	City of Malibu	LARWQCB	Promote	Keep but revised to reflect the new prohibition and construction timeline imposed by the LARWQCB. (Re-numbered. Originally Milestone 1.8a)
		1.7b. Achieve full compliance of waste discharge requirements (WDRs) issued by the LARWQCB for all multi-family and commercial establishments in northern Santa Monica Bay watershed	2016	City of Malibu, City of LA, LA County	LARWQCB	Promote and facilitate	Keep and continue. (Re-numbered. Originally Milestone 1.8b)
		1.7c. Establish and fully Implement a permitting program as laid out under the MOU between LARWQCB and local agencies for operation, inspection, and monitoring of OWTS	2016	City of Malibu, City of LA, LA County	LARWQCB	Promote	Keep and continue. (Re-numbered. Originally Milestone 1.8c)
		1.7d. Develop and implement more stringent requirements in environmentally sensitive areas for the installation and operation of wastewater management systems	2018	LARWQCB	City of Malibu, City of LA, LA County	Promote	Keep and continue. (Re-numbered. Originally Milestone 1.8d)
		1.7e. Upgrade all OWTS within 600 feet of waters impaired for nutrients and/or fecal bacteria to advanced treatment (denitrification and/or disinfection).	2018	City of Malibu, City of LA, LA County	LARWQCB	Promote	Keep and continue. (Re-numbered. Originally Milestone 1.8e)
		1.7f. Facilitate implementation of the State on-site wastewater treatment policy and eliminate pollutant loading to waterbodies throughout the Bay watershed.	2018	Watershed cities and Counties with septic systems	SWRCB, LaRWQCB	Facilitate	New. Added in response to GB member recommendation.
<b># 2: Improve water quality through pollution prevention and source control</b>	2.1. Increase pervious surfaces and storm water infiltration where feasible by supporting green infrastructure	2.1a. Adopt green street and LID ordinances by all watershed cities by 2015.	2011	All watershed cities	LA County	Promote	Keep but revised to set a new target for adoption of LID ordinances by all cities and make this the first milestone (Re-numbered. Originally Milestone 2.1b)
		2.1b. Incorporate green infrastructure elements, e.g. biofiltration and rain gardens, into the standard street design and maintenance practices.	2010	LA County, watershed cities		Promote	Keep and continue. (Re-numbered. Originally Milestone 2.1a)







**LIST OF DELETED**

	1.2c. Implement additional regulatory measures to eliminate water quality impairment		LARWQCB	LVMWD, Malibu watershed cities, park agencies in the Santa Monica Mountains Area		Deleted because it is duplicative of other milestones for the area.
	1.3a Establish a state-wide policy to discontinue the use of once-through cooling by 2009.	2009	SWRCB	LARWQCB, Coastal power plant owners (City of LA DWP, NRG, etc.), State Energy Commission, NMFS	Support	Completed and therefore deleted.
	1.4a Update and finalize the inventory of illicit discharges to ASBS in the Bay and strategy/policy for eliminating harmful discharge by 2010	2010	SWRCB	City of Malibu, LA County, LARWQCB	SMBRC	Completed and therefore deleted.
1.5 Improve and enhance the effectiveness of storm water pollution regulations	1.5a. Complete an inventory of re-development permits with ground-truthing to determine if post development monitoring is effective and if developments met SUSMP requirements, by 2011	2011	SMBRC	LA County, watershed cities	Lead	Both the Objective and Milestones are deleted because they are either completed or no longer relevant and useful.
	1.5b. Upgrade SUSMP provisions so they include, but are not limited to, performance-based design criteria by 2010	2010	LARWQCB	LA County, watershed cities	Support	
	1.6a Complete a feasibility study of a county-wide property assessment for storm water quality improvement by 2009	2009	LA County	Watershed cities, MRCA	Support	Completed and therefore deleted.
	2.1d. Develop guidelines to reconcile the implementation of LID practices with other possibly conflicting public service goals.		LA County, Watershed cities		Promote	Deleted because it is no longer needed or already imbeded in other milestones.
	2.1g. Complete construction of storm water infiltration and treatment facilities at Malibu Legacy Park by 2012.	2012	City of Malibu	Coastal Conservancy	Facilitate and participate in planning and technical review	Completed and therefore deleted.
	2.4c. Install bilge pumpouts at marinas that still do not have them by 2015	2015	LAC-DBH, City of Redondo Beach		Promote and facilitate	Deleted because it is no longer relevant.
	2.4d. Require mobile pumpout services for all boats berthed in Marina del Rey as part of standard lease agreements.		LAC-DBH, marina operators		Facilitate	Deleted because it is no longer relevant.
2.8. Evaluate the effectiveness of BMPs for reduction of pollutant loading from storm water runoff and other nonpoint sources.	2.8a. Collect data and conduct analysis to determine the effectiveness of BMPs for storm water and nonpoint source pollution reduction		SMBRC	LA County, watershed cities, LARWQCB	Lead	Both Objective and milestones are deleted and remaining viable milestone is moved to 2.1g.

	2.8b. Identify and apply suitable models to help target and prioritize installation of pollution prevention and reduction BMPs.		LA County	Watershed cities	Participate	
	2.4c. Install bilge pumpouts at marinas that still do not have them by 2015	2015	LAC-DBH, City of Redondo Beach		Promote and facilitate	Is no longer relevant and therefore deleted.
	2.4d. Require mobile pumpout services for all boats berthed in Marina del Rey as part of standard lease agreement		LAC-DBH, Marina operators		Facilitate	Is no longer relevant and new strategy is included under the revised 2.4a.
	4.1b. Adopt SMBRC grant making policy to give preference for funding stream restoration and enhancement projects in affected cities that have adopted stream protection ordinances .		SMBRC		Lead	Deleted because the policy could be adopted without being put in the BRP
	4.2a. Complete a data gap analysis for Marine Protected Areas		SMBRC	OPC/State Coastal Conservancy, member organizations of the MTAC	Lead	Completed and therefore deleted.
	4.2b. Complete monitoring needed to fill data gaps for Marine Protected Areas		SMBRC	DFG, SCCWRP	Lead	Completed and therefore deleted.
	4.2c. Complete the state MLPA process in the South Coast region and establish an MPA network in the Southern California Bight by 2011.	2011	State MLPA Initiative	DFG, CA Resources Agency/OPC, CA State Parks, Resources Legacy Fund Foundation, CA Water Resources Control Board, CA Department of Beaches and Harbors, California Coastal Commission, Heal the Bay, Santa Monica Baykeeper, NRDC, Sea Grant, SEALab, Coastal Cities, recreational and commercial fishermen groups, recreational non-consumptive user groups.	Participate	Completed and therefore deleted.
4.4. Evaluate and address potential impacts of new pipelines and offshore energy development to prevent negative impacts on the bay	4.4a Assess the potential impacts and participate in the review of environmental documents for the new pipelines in the Bay by 2009.	2009	SMBRC		Lead	Both Objective and milestones are deleted because such evaluation can be done through regular EIR review process
	4.4b Assess potential impacts of and participate in the review of environmental documents for shore drilling, wind farms, wave energy generation, etc. in Santa Monica Bay		MMS, DFG	Coastal Commission, Coast Guard, NOAA	Facilitate	

	4.6b. Complete historical ecology and water budget studies for the Ballona Creek watershed by 2010	2010	SMBRC	SCCWRP	Lead	Completed and therefore deleted.
	5.1a Purchase available private parcels in Corral Canyon to protect watershed function, provide beach water quality benefit and provide habitat and recreational connectivity from the headwaters to the coast		SMMC, State Coastal Conservancy		Support	Completed and therefore deleted.
	7.1a. Complete feasibility study by 2008. Determine preferred alternative by 2009.	2009	Coastal Conservancy	State Parks, NMFS	Participate	Completed and therefore removed.
	7.1b. Complete baseline monitoring by 2010	2010	Coastal Conservancy, SMBRC	State Parks, SCWRP, NMFS	Co-Lead	7.1b wetland baseline inventory is completed and therefore deleted.
7.4. Increase body of knowledge on local stream function including hydrology and geomorphology, especially urbanized streams	7.4a. Conduct technical background work needed to understand local hydrology and develop regional curves for local streams by 2010.	2010	SMBRC		Lead	Completed and therefore removed.
	7.4b. Host semi-annual stream restoration workshops to transfer technical information and knowledge on techniques for urban stream restoration to agency and nonprofit staff and the public		SMBRC	LA County, watershed cities, state conservancies.	Lead	Completed and therefore removed.
	7.7a. Complete restoration design and CEQA process by 2008	2008	City of LA	NA	Participate	Completed and therefore deleted. CEQA process is implied under 7.7b.
	7.8a. Set up advisory group for Oxford basin restoration planning by 2009	2009	County of LA		Participate	Completed and therefore deleted
	7.8b. Complete restoration design and CEQA process by 2010	2010	County of LA		Participate	Completed and therefore deleted.
	9.1a Restore two acres of kelp habitat by 2009	2009	SMBRC	Coastal Conservancy, MSRP, LA Waterkeeper	Participate	Completed and therefore deleted.
10.1. Continue monitoring recovery of benthic habitats at POTW discharge outfalls	10.1a. Produce a 10-year assessment report by 2012	2012	CSDLAC, City of LA	SCCWRP	Participate	Deleted because it is no longer relevant.
	11.1b. Evaluate the water circulation improvement device installed at Mother's Beach and recommend enhancement if necessary, by 2013	2013	SWRCB (CBI)	LAC-DBH	Promote	Deleted because it is no longer relevant.
	11.1d. Further evaluate sand as source of beach bacteria and potential health risks to swimmers (especially children) by 2010	2010	SWRCB (CBI)		Support	Completed and therefore delete. Further work can be wrapped under 11.2.

	11.2c. Establish SMBRC as a forum for facilitating application and adoption of new indicators by hosting annual meetings, etc.		SMBRC	SWRCB (CBI), EPA	Lead	Accomplished and therefore deleted
11.3. Improve public notification of beach water quality	11.3a. Obtain more beach warning signs for L.A. County Health Department. Evaluate and place signs at better locations by 2009	2009	LA County Health, LAC-DBH	LA County Fire Dept. (Lifeguards)	Facilitate	Objective 11.3 and subsequent milestones are deleted because they are no longer needed or can be dealt under annual work plan.
	11.3b Disseminate results of new epidemiological study results via our website, mailing list, and Journal by 2010	2010	SMBRC	SCCWRP	Lead	Objective 11.3 and subsequent milestones are deleted because they are no longer needed or can be dealt under annual work plan.
	11.5d. Reduce to 6 percent by 2010 and to 4 percent by 2014 the amount of markets found to have white croaker with DDT and PCB contaminant levels above FDA action levels by 2010	2010, 2014	EPA, LA County Health Dept.	NA	Promote	Deleted. Similar target is wrapped under Milestone 11.5c.
	11.5e. Increase by 10 percent angler awareness of local fish advisory by 2010 (Angler awareness of local fish advisory should be equal to or greater than 65 percent in 2010)	2010	EPA.	LA County Health Dept.	Promote	Deleted. Similar target is wrapped under the new Milestone 11.5d.
12.2. Develop hydrology and hydraulic (H&H) standards for stream restoration projects in LA County.	12.2a. Work with LA County FCD to determine appropriate H&H standards to optimize habitat, water quality and flood control features for stream restoration projects, by 2012.	2012	LA County, SMBRC	ACOE	Co-lead	Deleted and replaced with milestone which ties stream restoration to the development and implementation of a new sediment management plan.
12.3. Decrease peak flood flows by increasing natural infiltration in developed areas	12.3a. Conduct modeling to determine optimal locations for conversion of impervious surfaces to pervious surfaces by 2009	2009	SMBRC	LA County, watershed cities	Lead	Objective 12.3 is completed through Green Solution studies and therefore deleted.
	13.3b. Complete the Ballona Greenway planning and implementation of select sites, to increase recreational opportunity and connectivity along Ballona Creek (Also see Objective #7.5)		City of LA	MRCA, Baldwin Hills Conservancy, Culver City, City of LA	Lead	Completed and therefore deleted.