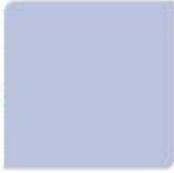


Santa Monica Bay Restoration Plan 2013 Update

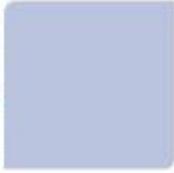
Summary of WAC Comments and Responses

Dr. Guangyu Wang
Watershed Advisory Council Meeting
March 19, 2014



BRP Update Process

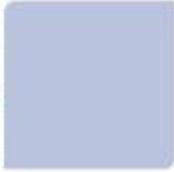
- February 2013 - WAC Meeting held to review implementation progress and solicit ideas and suggestions
- March – June 2013 – TAC reviewed and provided comments
- June – August 2013 - Two workshops were held during the Governing Board meetings to review and comments
- December 19, 2013 – Adopted by the Governing Board



BRP Priorities

- Water Quality
- Natural Resources
- Benefits and Values to Humans

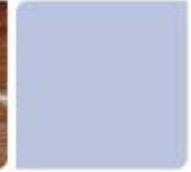




Summary of WAC Comments

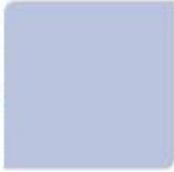
Overarching and Cross-Cutting Comments

- **Facilitate and enhance coordination, information exchange, and spreading ideas among agencies and stakeholders.**
- **Integrate the goals and objectives of the BRP with that of partner public agencies and show mutual benefits.**
- **Conduct more outreach and education about the work being done in more types of media and with simpler, more effective messages.**
- **Conduct more education on the value of the natural resources in the Bay and the Bay watershed to users and the general public.**
- **Make the SMBRC the repository of unbiased, accurate public knowledge base for the watershed, water quality.**
- **Assess impact of emerging issues such as fracking, ocean acidification, and MPAs.**
- **Make climate change the central theme throughout the BRP**



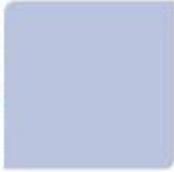
Water Quality

<ul style="list-style-type: none"> Conduct TMDL compliance assessment, improve compliance through better coordination and information sharing 	<p>1.1c. Facilitate and support TMDL implementation through progress and achievement recognition and information sharing on effective and successful implementation approaches and tools by 2018</p>
<ul style="list-style-type: none"> Encourage cities to develop and implement LID ordinances 	<p>2.1a. Adopt green street and LID ordinances by all watershed cities by 2015.</p>
<ul style="list-style-type: none"> Provide input on implementation of Malibu Creek nutrient TMDL 	<p>1.2a Complete development of the Malibu Creek nutrient and benthic TMDLs and the TMDL implementation plan with enhanced stakeholder participation by 2014.</p>
<ul style="list-style-type: none"> Support State desalination policy development and assessment of brine disposal impacts. 	<p>1.3b Develop and adopt policies to address potential impacts of water intake and brine discharge from desalination facilities by 2014.</p>
<ul style="list-style-type: none"> Support the County-wide Clean Water and Clean Beach funding initiative. 	<p>1.5a. Facilitate adoption of a reliable County-wide Clean Water and Clean Beach funding mechanism through a property assessment fee by 2014.</p>
<ul style="list-style-type: none"> Enforce local prohibition of non-storm water runoff. 	<p>1.6b. Improve enforcement of local prohibitions and MS4 permit requirements on non-storm water runoff</p>
<ul style="list-style-type: none"> Support all coastal cities to enact plastic bag bans and product take-back programs 	<p>2.2b. Adopt bans or establish fees on plastic and polystyrene fast-food containers and plastic bags at all retail stores by all watershed cities by 2015</p>
<ul style="list-style-type: none"> Conduct more ground water monitoring and hydrology studies. 	<p>1.2c Conduct additional monitoring and studies to evaluate factors from both upper and lower watershed that affect algal growth and benthic macroinvertebrate impairments in Malibu Creek by 2015.</p>
<ul style="list-style-type: none"> Encourage more studies on the impact of natural oil seepage. 	<p>-----</p>
<ul style="list-style-type: none"> Facilitate studies on local impacts of ocean acidification. 	<p>4.7e. Facilitate and support research and special studies on remaining or emerging issues (e.g. impacts of fracking, ocean acidification)</p>



Natural Resources

<ul style="list-style-type: none"> Facilitate adoption of stream protection ordinances and policies. 	4.1a. Adopt stream protection ordinances or policies by affected Santa Monica Bay watershed cities by 2016.
<ul style="list-style-type: none"> Continue MPA monitoring for informing adaptive management. 	4.2a. Promote an adaptive MPA management strategy. Develop and implement MPA Master Plan, management guidance, and enforcement plans by 2015. 4.2c. Participate in MPA monitoring including long-term habitat surveys and future MPA assessment by 2017.
<ul style="list-style-type: none"> Assess the impacts of climate change and develop adaptation policies. Promote "soft solutions" as opposed to armoring. 	4.5c. Promote adaptation strategies using environmental friendly "soft" solutions or other solutions with minimum negative environmental impacts. Promote establishment of buffer zones.
<ul style="list-style-type: none"> Promote more involvement by fishermen in fishery management issues. 	4.3f. Promote outreach to and involvement by fishermen regarding fishery management issues by 2015.
<ul style="list-style-type: none"> Use reusable materials for reef restoration. Take Rindge Dam sediment to create reef habitat. 	9.1b. Develop and implement plan for reusing natural materials from Rindge Dam removal for reef restoration, if deemed feasible, by 2018.
<ul style="list-style-type: none"> Fund natural habitat restoration at El Segundo dunes Expand invasive species control program, address marine invasive species. 	8.1b. Enhance and expand restoration of LAX and El Segundo Dunes. 6.3c. Update and strengthen existing plan and policies for preventing marine invasive species
<ul style="list-style-type: none"> Assess land use change, update database and prioritize land acquisition opportunities 	5.2a. Compile information and prioritize parcels for acquisition
<ul style="list-style-type: none"> Study the impacts of increasing agricultural use and vineyards in SMMs. 	4.6b. Facilitate or conduct more research on assessment of habitat impacts and effects of various watershed attributes (Also see Milestone 1.1d, 1.2c).
<ul style="list-style-type: none"> Monitor Fukushima fall-out and debris. 	-----



Benefits and Values to Humans

<ul style="list-style-type: none"> Conduct more education to help people see the benefits and values of the Bay's natural resources. Demonstrate watershed connectivity. 	<p>4.6c. Promote or conduct more citizen monitoring and variety of public events to demonstrate benefits of water quality improvement, values of natural habitats, and watershed connectivity.</p>
<ul style="list-style-type: none"> Conduct more public events and project in Ballona Creek similar to what have been done in Los Angeles River. 	<p>4.6c. Promote or conduct more citizen monitoring and variety of public events to demonstrate benefits of water quality improvement, values of natural habitats, and watershed connectivity.</p>
<ul style="list-style-type: none"> Promote water conservation by educating the intersection of water use, supply, cost, energy, and the environment. 	<p>14.2a. Reduce water demand by enhancing existing water conservation measures/programs</p>
<ul style="list-style-type: none"> Increase knowledge on fracking (i.e. public perception, evidence of harm/detriment/benefit). 	<p>4.7e. Facilitate and support research and special studies on remaining or emerging issues (e.g. impacts of fracking, ocean acidification)</p>
<ul style="list-style-type: none"> Expand the Center for Santa Monica Bay Studies. Develop more collaboration with local universities. Look for and raise fund from potential donors. 	<p>-----</p>
<ul style="list-style-type: none"> Implement more beach replenishment for areas lacking of beach sand. Increase year-round beach use opportunities. 	<p>13.4d. Support beach replenishment that both increase beach use opportunity and protect beach ecology.</p>
<ul style="list-style-type: none"> Focus acquisition of land that can provide more beach access and parking. 	<p>13.4e. Support land acquisition for providing more beach access.</p>