



## Water Quality/ Coastal Tidelands Committee 2017 Committee Goals/Objectives

August 14, 2017

**TRASH REDUCTION GOAL:** Reduce the amount of trash entering/accumulating in Upper Bay, Lower Bay, and Ocean Beaches.

<p><b>Objective 1:</b> Design and install a mechanical trash collection device (Water Wheel) in San Diego Creek entrance upstream of the Jamboree Road Bridge by 2020. (\$1.0-1.4 million.) <i>[Committee Priority 1a]</i></p> <p><i>Action Item 1:</i> Perform preliminary engineering and complete by 12/17.</p> <p><i>Action Item 2:</i> Solicit support from upstream partners.</p> <p><i>Action Item 3:</i> As approved, prepare CEQA. Complete by Spring 2018.</p> <p><i>Action Item 4:</i> Prepare OPC grant application. Summer 2018.</p> <p><i>Sponsor:</i> <b>Carl Cassidy</b></p>	
<p><b>Objective 2:</b> Establish a complete trash capture system in the Creek near Main Street. <i>[Committee Priority 1b]</i></p> <p><i>Action Item:</i> Continue discussions with San Diego Creek stakeholders.</p> <p><i>Sponsor:</i> <b>Carl Cassidy</b></p>	
<p><b>Objective 3:</b> Implement a program to clean all private catch basins in the City by 2020. <i>[Committee Priority 5]</i> (\$25-50,000/year from General Fund.)</p> <p><i>Action Item:</i> MOD to present plan to the City Council based on the Water Quality/Coastal Tidelands Committee's recommendation.</p> <p><i>Sponsor:</i> <b>Dennis Baker</b></p>	
<p><b>Objective 4:</b> Upgrade the North Star Beach trash boom by June 30, 2018 using Measure M funds. <i>[Committee Priority 8]</i></p> <p><i>Action Item:</i> Spring 2018 apply for an OCTA Tier I grant.</p> <p><i>Sponsor:</i> <b>Councilmember Herdman</b></p>	
<p><b>Objective 5:</b> Install three new trash skimmers in the harbor by June 30, 2019. (\$15-20k per installation + \$2k annual maintenance.) <i>[Committee Priority 9]</i></p> <p><i>Action Item1:</i> Pursue agreements with the Marina Owners by January 2018.</p> <p><i>Action Item2:</i> Spring 2018 apply for an OCTA Tier 1 grant.</p> <p><i>Sponsor:</i> <b>Councilmember Herdman</b></p>	
<p><b>Objective 6:</b> Install a storm drain trash interceptor at Dover/Westcliff (Polaris) by December 31, 2018. <i>[Added Priority]</i> (\$700,000 for construction + \$3,000 annual maintenance.)</p> <p><i>Action Item:</i> Apply for a Measure M grant to fund the project.</p> <p><i>Sponsor:</i> <b>Councilmember Herdman</b></p>	
<p><b>Objective 7:</b> Complete the Santa Ana-Delhi Channel Diversion. <i>[Comm. Priority 11]</i></p> <p><i>Action Item:</i> City of Santa Ana to provide semi-annual briefings on progress.</p> <p><i>Schedule:</i> Project slated for completion in Fall 2018.</p> <p><i>Budget/Maintenance:</i> Maintain for 20 years. (\$9.3 million for installation and 20 years maintenance.)</p> <p><i>Sponsor:</i> <b>George Robertson</b></p>	

**HARBOR GOAL:** Reduce marine-activity wastes from entering Harbor waters.

<b>Objective 1:</b>	Expand the Harbor Hazardous Waste drop-off program to include four additional sites by June 30, 2018. <i>[Committee Priority 4]</i>
<i>Action Item:</i>	Chris Miller working on upgrading existing site and developing a new site behind the American Legion – 15th Street (\$200k, appropriated in the FY17/18 budget).
<i>Sponsor:</i>	<b>Councilmember Herdman</b>
<b>Objective 2:</b>	Add up to four vessel pump-out stations and two bilge pump-out stations by June 30, 2019. <i>[Committee Priority 6]</i>
<i>Action Item:</i>	Chris Miller working with designers and vendors. Bilge pumps are included in the CIP FY17/18 budget
<i>Sponsor:</i>	

**URBAN RUNOFF GOAL:** Reduce pollutant loading into Newport Bay and City Creeks.

<b>Objective 1:</b>	Implement rate-based allocations. <i>[Committee Priority 2]</i>
<i>Action Item1:</i>	City Staff provides quarterly updates to committee.
<i>Action Item2:</i>	City Staff provides final status report June 30, 2018.
<i>Sponsor:</i>	<b>Carl Cassidy</b>
<b>Objective 2:</b>	Reduce selenium concentrations in Big Canyon Creek including the CDFW freshwater pond. <i>[Committee Priority 3]</i>
<i>Action Item:</i>	Staff provides update on Phase 1 project and future golf course lakes study.
<i>Sponsor:</i>	<b>Carl Cassidy</b>
<b>Objective 3:</b>	Install an urban runoff capture system at the Newport Aquatic Center by 2018. <i>[Committee Priority 7]</i>
<i>Action Item:</i>	Proceed immediately with in-house design.
<i>Budget:</i>	Budget \$50,000 for construction.
<i>Sponsor:</i>	<b>Dennis Baker</b>
<b>Objective 4:</b>	Implement a cooperative project with UCI's Ocean addressing water quality in Newport Bay. <i>[Committee Priority 10a]</i>
<i>Action Item:</i>	George Robertson to present pilot project ideas.
<i>Sponsor:</i>	<b>George Robertson</b>
<b>Objective 5:</b>	Eliminate all dry weather flows entering the bay from City storm drains by 2030. <i>[Added Priority]</i>
<i>Action Item1:</i>	Develop a comprehensive dry-weather runoff program.
<i>Action Item2:</i>	Conduct visual dry-weather runoff flow assessments.
<i>Action Item3:</i>	Prioritize sub-watersheds based on assessments.
<i>Sponsor:</i>	<b>Carl Cassidy</b>
<b>Objective 6:</b>	Construct Arches Diversion
<i>Action Item:</i>	Staff to provide periodic updates on the status of the design and permits. <i>[Added Priority]</i>
<i>Sponsor:</i>	<b>Dennis Baker</b>
<b>Objective 7:</b>	Control or eliminate dry weather runoff flowing across Little Corona Beach
<i>Action Item:</i>	Install infiltration gallery and divert creek flows into gallery.
<i>Sponsor:</i>	<b>Carl Cassidy</b>

**EDUCATION GOAL:** Foster collaborative efforts with the community, resource agencies and other watershed partners.

<b>Objective 1:</b>	Determine the Fiscal impact on the city if the new Sediment Water Quality Objectives standards (SQOs) are promulgated. <i>[Committee Priority 12]</i>
<i>Action Item:</i>	Track and evaluate the ongoing efforts by the State in developing the SQOs.
<i>Sponsor:</i>	<b>George Robertson</b>
<b>Objective 2:</b>	Work with local schools on water quality issues. Actively work with local school teachers to educate students on real-world water quality issues <i>[Committee Priority 10b]</i>
<i>Action Item 1:</i>	Presentation from Inside the Outdoors on their current education program and outreach efforts.
<i>Action Item 2:</i>	Engage local high school and UCI to create an educational path leading to careers in watershed sciences, economics, and management.
<i>Action Item 3:</i>	Have the students prepare education materials and/or projects for service learning credit
<i>Sponsor:</i>	<b>Carl Cassidy</b>
<b>Objective 3:</b>	Review the goals of the water quality committee education sub-committee.
<i>Action Item:</i>	Coordinate projects and outreach programs, including Zero Trash Newport, Surfrider, Help your Harbor and other cleanup efforts.
<i>Sponsors:</i>	<b>Erin Delman, Bob Stein</b>
<b>Objective 4:</b>	Create multi-media outreach program targeted to water quality.
<i>Action Item:</i>	Create two public service announcements (PSAs)
<i>Sponsor:</i>	<b>Dennis Baker</b>