**Water Quality/Tidelands Committee – Draft Priority Goals and Objectives**

September 28, 2021

**Urban Runoff (UR) Regulation Goal and Trash (T) and Other Pollutants Reduction Projects/Programs Goal**

1. Advise and make recommendations to the City Council on policies, projects and programs that support and/or strengthen existing regulations to protect water quality and habitat in the bay and ocean.

Advise and make recommendations to the City Council on policies, programs and projects that improve the water quality and habitat of Newport Bay and the ocean: especially reducing the amount of trash entering/accumulating in Upper Bay, Lower Bay and Ocean Beaches.

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| **Points** | **Committee Member Lead** | **Objective No.** | **Completion Term** | **Proposed Objective** | |
| 13 | *TBD* | **UR7** | Long | Resiliency and Sustainability Planning –   * Explore options for landscape design, expanded use of recycled water, and drought challenges/opportunities. * Presentation from DPR and UCI on safety of the new generation of pesticides. * Reduction of trash generation at the source. * Coordination with County Supervisor’s office and other cities | |
| 11 | *TBD* | **UR4** | Long | Pesticide and Herbicide Source Control   * Presentation by Kevin Pekar (City Parks Division) and Amanda Carr (OC Watershed) on pest infestations, current approaches, and pesticide/herbicide use trends. * Work with upstream watershed cities and Regional Board to identify key pesticides of concern entering Newport Bay * Work with upstream partners to develop a policy encouraging reduced application of pesticides. | |
| 10 | Lou Denger | **UR3** | Medium | Review option for Cherry Creek, Cherry Lake, and Santa Isabella Channel Water Quality and Restoration   * Review water quality and other challenges: bacteria exceedances, mosquitos, and Arundo * Discuss options with community, County, and PBR. * Conduct site tour. | |
| 9 | *TBD* | **UR2** | Medium | Develop a resolution promoting additional reductions of dry weather flows entering the bay, where appropriate, from City storm drains by source controls and use reduction.   * Action Item 1: Develop a dry weather monitoring plan and conduct visual dry-weather runoff flow assessments. * Action Item 2: Prioritize sub-watersheds based on assessments. * Action Item 3: Develop recommendations for Council consideration, e.g., low flow diversions. * Action Item 4: If needed, provide project recommendations for consideration into City budget. | |
| 8 | *TBD* | **UR6** | Medium | Green Streets Resolution promoting runoff reduction using curb cuts and infiltration pavers at areas where there is adequate infiltration or off-street treatment options. | |
| 7 | Chuck Fancher | **UR1** | Short | Over-Irrigation Reduction Planning   * Action Item 1: Presentation by Utilities Department on implementing a water distribution plan based on State requirements and guidelines [SB 606](https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB606) and [AB 1668.](https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB1668) * Action Item 2: Tour of Utility Department facilities. * Action Item 3: City Staff provides semi-annual updates to committee. * Action Item 4: City staff presents public outreach program. * Action Item 5: Consider more robust recycled water use. | |
| 7 | George R. | **T3** | Long | Santa Ana River Trash and Pollutants Study  Explore methods for reducing trash from discharging from the Santa Ana River, e.g., trash boom located at Hamilton Avenue. | |
| 7 | Peter B. | **T8** | Medium | FIB Rapid Testing at Newport Pier (or nearby hot spot). Contact SCCWRP. | |
| 5 | Lou Denger | **P2-Partnering** | Short | Assign one committee member to attend IRWD meetings related to water quality and water supply issues.   * Action Item 1: Report on progress on the Syphon Reservoir. * Action Item 2: Report on the on-going status of the Peter’s Canyon Diversion. * Action Item 3: Report on operation of the San Joaquin marsh with regard to water supply and selenium concentrations. | |
| 5 | *TBD* | **T1** | Medium | Implement a program to address cleaning up discharge associated with private catch basins in the City, e.g., cleaning by vactor or downstream CDS. ($25-50k/year.)  Presentations by PW and Attorney’s Office on various approaches and funding scenarios. Provide recommendations. |
| **??** | ***TBD*** | **T2, T5, T6, T4, T7, T9, T10** | Short /Medium | Auxiliary Trash Reduction Program   * Install a storm drain trash interceptor at Dover/Westcliff (Polaris). ($700k for construction + $3k annual maintenance.) John to call County for update * Trash outreach program to inland cities (previous score: 4 points) [T5] * Trash Provisions - review of trash reduction monitoring, branding (e.g. “Put Trash where it belongs”) (4 points)[T6] – Curt Black * SDC trash pre-treatment booms – City of Irvine OCTA Grant requirement? [T4] (3 points) * Dover Drive bioswale rehabilitation and/or installation of downstream CDS unit [T7] (3 points) * Update on Beach Cleanups [T9]: Action Item 1 - Presentations for Recreation and PW volunteer (Trellis Program). Action Item 2: Provide recommendations for cleanup areas. (3 points) * Project Updates: Trash Interceptor, Trash Skimmers, Santa Ana Delhi Diversion, Monitor compliance SWQCB Trash Amendments, [T10] (2 points) |
| 4 | Lou Denger | **UR8** | Short | Project Updates (Big Canyon Phase 3, Shellfish Studies) |

**Harbor/Ocean (H) Goal and Partnering (P) Goal**

1. Advise the City Council on implementation of the Tidelands Infrastructure Capital Plan in the following areas: 1) Sea level rise as it affects ocean beaches/upper bay/coastal inlets, 2) Ocean beach sand replenishment, and 3) Other capital projects affecting the ocean beaches and tidelands not covered by other committees.
2. As possible, attend outside meetings with the community, resource agencies, and other watershed partners.

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| **Points** | **Committee Member Lead** | **Objective No.** | **Completion Term** | **Proposed Objective** |
| 5 | Curt Black | **P1-Partnering** | Short | Convene a joint meeting with Harbor Commission and a joint meeting with Parks, Beaches and Parks to discuss issues in common.   * Action Item 1: Track water quality issues discussed by the Commission. Consider collaborative goal setting. * Action Item 2: Provide annual briefing. * Action Item 3: Identify impacts to infrastructure from sea level rise. |
| **??** | ***TBD*** | **H9** | Short | Explore options for providing more public restroom services around the harbor including consideration for a floating restroom project. |
| 12 | Peter Belden | **H3** | Short | Provide input and recommendations for protecting ocean facing beaches from sea level rise, e.g., new or enhanced groynes, rip-rap protection. Review beach and groyne sand replenishment programs (Peter Belden) (11 points). Check with the Planning Division for protecting or raising of beach paths. |
| 11 | George Robertson | **H4** | Medium | Provide input and recommendations for protecting Upper Bay and Newport Slough (George Robertson – 11 points) from sea Level Rise impacts. Consider spraying dredge material on mudflats. Consider mitigation opportunities for harbor improvements (e.g., new seawalls, ferry modifications). (Curt black – 10 points) [H5] . Work with Harbor Commission and Regional Partners to identify areas of the harbor vulnerable to sea level rise. (Rich McNeil – 8 points) [H7] |
| 8 | ***TBD*** | **H1** | Medium | With completion of the Harbor Hazardous Waste drop-off site located at Balboa Yacht Basin, consider option for two additional sites, e.g., Avon Lot, MOD yard, Harbor Marina). Consider asking county to install a hazardous waste site to accept used oil.  Prepare a concept plan, construction drawings and Coastal Development Permit for two new sites, e.g., Harbor Marina. Set up committee tour. |
| 5 |  | **P3** | Short | As requested, attend water quality discussions by NGO’s, UCI or local high schools. |
| 4 |  | **P4** | Short | Newport Harbor Underwater Clean-up Committee   * Presentations by PW staff * Suggest ways the City can support this annual underwater cleanup event. |
| 5 | Tom Houston | **H2** | Short | Pumpout Construction and Inspections   * Explore options for inspecting private pump-outs on a weekly basis or upgrading private pumpouts. * Consider requiring private entities to pay the City to maintain and inspect private pumpouts. * Consider adding a second public pumpout at Balboa Yacht Basin. * Explore option for funding pumpout projects. * Explore options for implementing an inspection policy with new Harbormaster and Utility Department. |
| 3 |  | **H8** | Short | Project Updates: Vessel pumpout stations, Caulerpa Removal, Balboa Island Drainage System (2024-2026), HABs (freshwater and marine) |