

Suggestions to be considered by TRAC: "P List"  
(Unprioritized)

Suggestions on this list are categorized as making the Basin Plan more "Protective" (P). They will be prioritized by the Triennial Review Advisory Committee (TRAC).

#	Name	Suggested Action (factual)	Reason (may be opinion)	Surface / Ground	Specific Waters
P-1	MUN in San Juan Creek	Designate MUN as a supported BU in San Juan Creek and its alluvial valley from Pacific Coast Highway to the ocean.	The MUN designation will protect the South Orange County Desalination Project planned reliance on slant wells, and will facilitate cleanup of contaminated sites to protect this source of domestic water supply.	G	San Juan Creek from Pacific Coast Highway to the ocean.
P-2	MUN in San Diego Formation	Identify the San Diego Formation as a deep groundwater aquifer, and designate its BUs, including MUN.	The aquifer is a viable drinking water source. The aquifer partially underlies some coastal areas previously de-designated as MUN.	G	Parts of the San Diego, Pueblo, Otay and Tijuana watersheds
P-3	Wetlands BUs	Establish new BU categories that reflect wetland functions, e.g., Wetlands Habitat (WET), Natural Water Quality Enhancement (NWQE), and Flood Attenuation (FLD). Identify these as BUs of wetlands, as was done by the North Coast Regional Board (Region 1).	Existing BU categories do not include some actual functions (beneficial uses) of wetlands.	S	wetlands
P-4	Non-REC Water Contact BU	Establish a BU for non-recreational water contact.	Existing BUs do not protect non-recreational water contact, e.g., by military and Coast Guard personnel, underwater hull cleaners, commercial divers, and others who engage in various non-recreational activities.	S	coastal waters
P-5	PCP WQO	Revise the WQO for Pentachlorophenol (PCP) to protect early life-stage salmonids (per USEPA recommendation, November 14, 2007).	Existing WQO is not adequately protective.	S	waters associated with steelhead
P-6	Un-ionized Ammonia WQO	Revise the WQO for un-ionized ammonia from the current single number to a formula.	Existing WQO may not be adequately protective because un-ionized ammonia levels vary with temperature, pH, and salinity.	S	

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P-7	Chloride WQO	Revise the WQO for chloride to be consistent with USEPA criteria, or provide an antidegradation analysis to justify a chloride WQO based on ambient water	Existing WQO is not adequately protective.	S,G	
P-8	WQOs for Steelhead Protection	Revise the WQOs for dissolved oxygen, temperature, and toxicity as appropriate to protect steelhead.	Existing WQOs are not adequately protective.	S	waters associated with steelhead
P-9	WQO for Biological Condition	Establish a narrative biological objective such as: "Waters of the State shall be of sufficient quality to support aquatic species without detrimental changes in the resident biological communities." Establish numerical measures by which to interpret the narrative objective (i.e., the Southern California Index of Biotic Integrity)	Existing WQOs are not adequately protective of aquatic life BUs. A WQO for biological condition is critical to restoring and maintaining the biological integrity of the region's waters.	S	freshwater wadeable rivers and streams
P-10	WQO for Flow	Establish WQO(s) for flow to protect BUs from negative impacts due to hydromodification and help maintain natural flow regimes.	Existing WQOs are not adequately protective.	S	
P-11	WQO for Chlorine	Establish a WQO for chlorine as necessary for the protection of aquatic life.	Existing WQOs are not adequately protective.	S	
P-12	WQO for Trash	Establish a WQO for trash; or update the WQO for Floating Material to include all trash and rename "Floating and Non-Floating Material".	Existing WQOs are not adequately protective.	S	
P-13	Invasive Species Control	Establish a control on invasive species, e.g., a narrative or numeric WQO, or a discharge prohibition.	Current Basin Plan is not adequately protective.	S	
P-14	Discharge Prohibition for Vernal Pools	Prohibit discharges to vernal pools.	Most vernal pools in the SD region have been destroyed; since, for all practical purposes, vernal pools have no assimilative capacity, a discharge prohibition is necessary to protect them.	S	wetlands: vernal pools

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P-15	Airport Prohibition	Prohibit airports in State waters.	Airports on or in state waters severely degrade and/or destroy the BUs of those waters.	S	San Diego Bay, ocean waters
P-16	Stormdrain Runoff Elimination	Develop a stormdrain management system that calls for the elimination of stormdrain discharge/outfall to the ocean.	Stormdrain runoff carries pollutants to the ocean during rain events and causes beach closures.	S	storm drain runoff to ocean
P-17	Natural Floodplain Function	Add implementation measures that require development in a floodplain to maintain the natural floodplain functions of infiltration and pollutant removal.	Existing Basin Plan does not adequately address.	S,G	floodplains
P-18	Mitigation Guidance	Establish a policy that addresses mitigation, both compensatory (e.g., Clean Water Act §401 Certifications) and punitive (e.g., CAOs, ACLs).	There is need for guidance as to when destruction of a waterbody is tolerated through permitting or enforcement. Loss of waterbodies, particularly low-order streams, has resulted in unrecoverable losses of BUs and impairments of downstream waterbodies. Without clear guidance, the losses are likely to continue.	S	waters subject to CWA §401 Certification, other
P-19	Policy - 401 Certification	Establish a policy for issuing Clean Water Act §401 Certifications.	There is need for guidance on minimum requirements for buffers, post-construction BMPs, and compensatory mitigation ratios that take into account cumulative impacts to watersheds.	S	waters subject to CWA §401 Certification, other
P-20	Seawater Desalination Impacts Policy	Establish a policy or implementation provision that addresses impacts associated with coastal seawater desalination plant intakes and discharges.	Neither existing Basin Plan nor statewide policies/plans adequately address.	S	coastal waters
P-21	Lagoon Mouth Opening Policy	Establish a policy for seasonal opening of lagoon mouths.	There is need for criteria regarding the conditions under which lagoon mouths should be opened to protect BUs.	S	coastal lagoons

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P-22	Dry Weather Discharge Policy	Establish a policy for treatment of dry-weather discharge via diversion to sanitary sewer and use of in-stream treatment facilities.	There is need for guidance as to when diversion and/or in-stream treatment is appropriate.	S	dry-weather flow/runoff
P-23	Pollution Prevention Policy	Establish a policy for pollution prevention.	Prevention is the most effective and cost effective approach.	S,G	
P-24	Precautionary Principle Policy	Establish a policy for decision making based on the precautionary principle.	Precautionary measures should be taken, even if some cause and effect relationships are not understood.	S,G	
P-25	Emerging Contaminants Policy	Establish a policy to address emerging contaminants.	Prevalence of many new chemical pollutants is increasing, and they pose health risks to humans and aquatic life.	S,G	

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Abbreviations

Beneficial Uses:

- MUN: municipal and domestic water supply
- REC1: water contact recreation
- REC2: non-contact water recreation, including aesthetic enjoyment
- COMM: commercial and recreational fishing / shellfishing
- WILD: terrestrial wildlife habitat
- RARE: habitat for rare, threatened & endangered species
- BIOL: Areas of special biological significance
- WARM: warm freshwater habitat
- COLD: cold freshwater habitat
- EST: estuarine habitat
- MAR: marine habitat
- SPWN: spawning habitat
- NAV: navigation
- GWR: ground water recharge

Other:

- BU - Beneficial Use
- WQO - Water Quality Objective
- TSS - Total Suspended Solids
- TDS - Total Dissolved Solids
- N - Nitrogen
- P - Phosphorus
- MCL - Maximum Contaminant Level
- HBCL - Health-Based Cleanup Levels
- CAO - Cleanup and Abatement Order
- ACL - Administrative Civil Liability