

2003 Basin Plan Triennial Review Comment Submittal Form

SUBMITTING ORGANIZATION

Name: County of San Diego, Project Clean Water Basin Planning Issues Workgroup	
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BASIN PLAN ISSUE (Instructions for completion appear on the back)

<p>Name of Basin Plan Issue: Development of water quality objectives for nutrients (nitrogen and phosphorus) in surface water bodies.</p>
<p>Affected Waterbody(ies) and Watershed(s): Waterbodies: Current Identified Waterbodies from 1998 and 2002 Section 303(d) List: Prima Deshecha Creek (901.31); Segunda Deshecha Creek (901.32); Rainbow Creek (902.20)*; Santa Margarita River, Upper (902.22); Santa Margarita Lagoon (902.11)*; Murrieta Creek (902.52); Lake Guajome (903.11)*; Buena Vista Lagoon (904.21)*; San Elijo Lagoon* (904.61); Hodges Reservoir (905.21); Cloverdale Creek (905.31); San Diego River, Lower (907.12); Tijuana River Estuary (911.11)*; Tijuana River (911.11)* and all waterbodies in Region 9. Watersheds: Santa Margarita, San Luis Rey, Carlsbad, San Deguito, Peñasquitos, San Diego, Pueblo San Diego, Sweetwater, Otay and Tijuana. All watersheds are all affected to some degree. * Listed in 1998 and others listed in 2002.</p>
<p>Concise Summary of Basin Plan Issue: Develop numeric water quality objectives for nutrients in the four following water body types: 1) flowing waters, 2) lakes and reservoirs, 3) estuaries, and 4) wetlands in the San Diego Basin (Region 9) using local data sources.</p>
<p>Detailed Description of Basin Plan Issue: A description and discussion of relevant aspects of the nutrient issue within the San Diego County region is described in the attached document.</p>
<p>Result/Goal of Basin Plan Issue: Develop nutrient criteria <i>ranges</i> for nitrogen and phosphorus for the four water body types listed above. Criteria ranges will allow managers and regulators an appropriate level of flexibility to design effective nutrient management plans targeting local problems. In addition to total nitrogen and phosphorus fractions, dissolved (bioavailable) forms of phosphorus should also be considered for criteria development. Criteria development should incorporate several key factors including local reference conditions and nutrient levels in imported water supplies, nutrient levels in reclaimed water supplies and must utilize locally collected nutrient data. The process of nutrient criteria development will be strengthened if the Regional Board elicits the support and input of local stakeholders whenever and wherever possible. This may include data sharing between stakeholders and the Regional Board, document review by stakeholders, and the establishment of a Technical Committee to discuss the issue with local entities.</p>
<p>Justification: The current narrative water quality objective, the water quality goals for total phosphorus (0.1 mg/L) and the 10:1 N:P ratio provided in the Basin Plan need additional refinement in an era of nutrient TMDL development. The present 'objectives' do not provide meaningful numeric targets for nutrient reductions under implementation plans. In addition, the current objectives do not take into consideration seasonal and climatic factors or the interactions between ground and surface waters. Ongoing inputs to receiving waters of imported drinking water, agricultural irrigation flows, reclaimed water discharges, and nonpoint source runoff necessitate the development of clear numeric standards.</p>
<p>Supporting Information or Data: Potential supporting data includes information collected by local water agencies, NPDES permittees, the USGS and other federal and state agencies, and academic and research institutions. The submitting organizations can assist the San Diego RWQCB in gathering applicable nutrient data and applying for grants to support data collection.</p>
<p>Affected Parties: Residents of San Diego and South Orange counties, agricultural community, USDA, Municipalities of San Diego and Orange Counties and the County of San Diego and County of Orange, San Diego Regional Water Quality Control Board, San Diego County Water Authority, Metropolitan Water District of Southern California, City of San Diego Water Department, and other Water Districts.</p>

Recommended Priority: This issue should be ranked as high priority to ensure that future efforts to control nutrients in local surface waters result in reductions that provide cost effective beneficial use protection and attainment. Current regulatory practices are not well founded scientifically and the current Basin Plan lacks the numeric specificity needed to guide TMDL development.

STAKEHOLDER LIST

Name of Organization	Contact Name	U.S. Mail Address	Phone Number	E-mail Address

Instructions

Instructions for completing the 2003 Basin Plan Triennial Review Comment Submittal Form

1. **Submitting Organization:** This section should include the name of the organization, entity or person submitting the Basin Plan issue(s) for consideration during the 2003 Triennial Review process.
2. **Contact Person:** This section should include the name, address, phone number(s), and e-mail address for the contact person that can answer questions about the information provided.
3. **Name of Basin Plan Issue:** This section should include the name of the Basin Plan issue. This name will be used to identify the issue throughout the 2003 Triennial Review process.
4. **Affected Waterbody(ies) and Watershed(s):** This section should identify the waterbody(ies) and watershed(s) affected by the Basin Plan issue, using the nomenclature as described in the Basin Plan for hydrologic units, areas and subareas. A map should be submitted to identify the affected waterbody(ies) and watershed(s).
5. **Concise Summary of Basin Plan Issue:** This section should describe in one or two sentences the essence of the Basin Plan Issue.
6. **Detailed Description of Basin Plan Issue:** This section should include a comprehensive description of the Basin Plan Issue.
7. **Result/Goal of Basin Plan Issue:** This section should describe the intended result or goal of the Basin Plan issue.
8. **Justification:** This section should provide detailed rationale to support the Basin Plan issue. (i.e., why should the Regional Board consider this issue?)
9. **Supporting Information or Data:** List any existing documents and/or data that the Regional Board should consider is reviewing the Basin Plan issue.
10. **Affected Parties:** Provide a list of potential stakeholders who could be affected by the Basin Plan issue (i.e., municipalities, businesses, agriculture, residents, industries, etc.)
11. **Recommended Priority:** If submitting multiple Basin Plan issues for consideration, rank each issue in the order of relative importance, assigning rank 1 to the highest priority issue.