

**Attachment A -- Resolution R8-2006-0085**

**Final 2006 Basin Plan Triennial Review Priority List  
Revised November 15, 2006**

Issue No.	Issue Description	Estimated Basin Planning Staff Resources <sup>1</sup>			
		FY 06-07	FY 07-08	FY 08-09	Total PYs
1.	Amend the Basin Plan to include a prohibition on the use of septic tank subsurface disposal systems in the Quail Valley area.	[0.5]	[0.1]		[0.6] <sup>2</sup>
2.	Consider changes to beneficial uses and associated objectives, taking the Water Code Section 13241 factors into account, in relation to standards compliance during wet weather. The immediate focus is to consider revisions to REC-1 and REC-2 beneficial uses and bacterial water quality objectives for surface waters based on USEPA's national criteria ( <i>E.coli</i> and/or enterococci) and the recommendations of the Storm Water Quality Standards Task Force (SWQSTF). SWQSTF recommendations are now likely to include: 1) adoption of recreational use subcategory beneficial use definitions and redesignation of certain waters; 2) adoption of a high flow suspension of REC-1 standards; 3) removal of REC from certain waters <sup>3</sup> . Add rationale for the 2.2 mpn/100 ml Coliform discharge limit for POTWs discharging to the Santa Ana River and its tributaries. The SWQSTF has indicated its commitment to assist with other tasks identified in this list. Commencement of this support work is contingent on the schedule for completion of the ongoing REC-related standards review.	0.5	0.5	0.5	1.5 <sup>4</sup>

<sup>1</sup> Basin Planning resources, unless otherwise noted. 2.0 personnel years (PY) per year of Basin Planning resources are currently available.

<sup>2</sup> Enforcement program staff resources.

<sup>3</sup> A Use Attainability Analysis will be required for these activities.

<sup>4</sup> Ongoing work supported by the SWQSTF.

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3.	Add TMDL Basin Plan amendments, newly adopted or revised (e.g., for Newport Bay/San Diego Creek, Middle Santa Ana River Watershed, Big Bear Lake, Canyon Lake and Lake Elsinore).	[8.0]	[8.0]	[8.0]	[24] <sup>5</sup>
4.	Amend the Basin Plan to incorporate the following, recommended or needed to facilitate implementation of the 2004 Nitrogen -TDS Basin Plan amendments: <ul style="list-style-type: none"> <li>• A Reclamation Guidance Document.</li> <li>• An agreement for collaborative implementation by proponents of recharge projects involving imported water and/or interbasin water transfers of management strategies necessary to assure compliance with the Basin Plan TDS and nitrogen objectives.</li> <li>• Revise waste load allocations for the Santa Ana River to correspond with the actual or projected surface water POTW discharges</li> </ul>	0.2	0.2		0.2 <sup>6</sup>
5.	Reviews of adopted TMDLs (per TMDL schedules/requirements).	[0.2]	[1.0]	[1.0]	[2.2] <sup>7</sup>
6.	Consider revisions to SHEL beneficial use definition (addition of beneficial use for shellfish harvesting for bait purposes, not human consumption) and re-designation of appropriate waters.	0.1	0.25		0.35 <sup>8</sup>
7.	Develop/revise nutrient objectives for region, focusing on 303(d) - listed waters, including Newport Bay, San Diego Creek, Lake Elsinore, Canyon Lake, Big Bear Lake and its tributaries. This may include reviewing ammonia objective for specific water bodies based on 1999 USEPA national criteria.	[1.0]	[1.0]	[1.0]	[3] <sup>9</sup>
8.	Amend the Basin Plan to include a prohibition on the use of septic tank subsurface disposal systems in the Cherry Valley area.	0.1			

<sup>5</sup> TMDL program resources

<sup>6</sup> Some work already underway

<sup>7</sup> TMDL program resources

<sup>8</sup> Supported by County of Orange resources.

<sup>9</sup> TMDL resources.

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9.	Develop criteria for wetlands mitigation. Revise narrative to expand wetland definitions and description of 401 process.	0.2	0.1		0.3 <sup>11</sup>
10.	<p>Add the following water bodies to Tables 3-1 and 4-1 and designate appropriate beneficial uses and water quality objectives (expanded from 2002 Basin Plan Triennial Review list):</p> <ul style="list-style-type: none"> <li>a. Add Santa Ana Delhi Channel and divide into appropriate reaches; assign REC-1 or recreational use subcategory<sup>12</sup> or remove REC-1<sup>13</sup>, REC-2, WILD, and/or WARM, as appropriate;</li> <li>b. Add Mystic Lake (San Jacinto Wildlife Reserve) and assign intermittent REC-1 or recreational use subcategory, REC-2, RARE, WARM, WILD and/or BIOL, as appropriate;</li> <li>c. Add Los Cerritos Wetlands (Seal Beach) and assign REC-1, REC-2, WILD, BIOL, RARE, SPWN, MAR, and/or EST, as appropriate;</li> <li>d. Add Buck Gully, Los Trancos Canyon Creek, Muddy Canyon Creek, Pelican Point Creeks (Corona Del Mar and Crystal Cove State Park), and assign REC-1 or Recreational use subcategory, REC-2, WARM, and/or WILD, as appropriate;</li> <li>e. Add East Garden Grove-Winterburg and Bolsa Chica/Anaheim-Barber City flood control channels and assign REC-2, WILD, WARM, and REC-1 or recreational use subcategory, as appropriate;</li> <li>f. Add Carbon, Fullerton, and Brea Creeks (San Gabriel River watershed) and assign REC-2, WILD, WARM, and REC-1 or recreational use subcategory, as appropriate.</li> </ul>	0.2	0.1		0.3 <sup>14</sup>

<sup>11</sup> Partially funded by a USEPA grant.

<sup>12</sup> Approval of the recreational use subcategory (through a Basin Plan amendment, see item #2). Use Attainability Analysis (UAA) required to address recreational use subcategory designations for this and other surface waters.

<sup>13</sup> UAA required to remove REC-1 use for this and other surface waters.

<sup>14</sup> SWQSTF is expected to support work on this Task.

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10.	g. Add Laguna Lake (City of Fullerton) and assign REC-1 or recreational use subcategory, REC-2, WARM, WILD, COMM as appropriate.				
11.	Add new reaches and designate appropriate beneficial uses <sup>15</sup> (Table 3-1 and Table 4.1): Changes needed as a result of FERC relicensing (modified from 2002 Basin Plan Triennial Review List): a. Lytle Creek: 1) From 1-15 to Korean Christian Camp Bridge or SCE diversion - designate new reaches and COLD or WARM beneficial uses, as appropriate. Designate reaches Intermittent as appropriate. 2) From Korean Christian Camp Bridge or SCE diversion to headwaters of South, Middle, and North Fork - designate as a separate reach and keep COLD. b. Mill Creek, from SAR to Valley of the Falls Road Bridge or upper SCE diversion - Designate new reaches and assign COLD or WARM beneficial uses, as appropriate. Designate reaches Intermittent as appropriate; c. SAR from Seven Oaks Dam to Power House 1 – designate as COLD or WARM, and existing or intermittent, as appropriate, and list as Reach 6; d. SAR from Power House 1 to headwaters – list as Reach 7 and keep COLD.	0.1	0.1		0.2 <sup>16</sup>
12.	Consider adopting and/or removing existing site-specific objectives for the Santa Ana River. The Santa Ana River Dischargers Association (SARDA) has identified at least three pollutants, including aluminum, chlorine and cyanide, for which site-specific objectives may be warranted. It may be appropriate to remove site-specific objectives for copper, cadmium, and lead for middle Santa Ana River reaches and their tributaries, as well.	0.1	0.1		0.2 <sup>17</sup>

<sup>15</sup> In addition, include narrative description of localized flow conditions including effects of diversions, perennial and intermittent flows and springs.

<sup>16</sup> Upper Santa Ana Water Resources Association – Triennial Review Committee is expected to support work on this Task.

<sup>17</sup> Supported by SARDA.

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13.	<p>Update Beneficial Use Table 3-1 and Water Quality Objectives Table 4-1 (modified from 2002 Basin Plan Triennial Review list), as appropriate, including consideration of:</p> <p>Add beneficial use designations (Table 3-1):</p> <ul style="list-style-type: none"> <li>a. Add COMM to appropriate lakes, reservoirs, and streams;</li> <li>b. Add RARE to appropriate waters, including all reaches of San Diego Creek, Sand Canyon Wash, valley reaches of Lytle, Cajon, and City Creeks, Day Creek, Barton Creek, Waterman Creek, Fish Creek, Reaches 4, 5, 6, and 7 of the San Jacinto River, Strawberry Creek, North Fork of San Jacinto River, Sunnyslope Creek, Reach 4 and 6 of the Santa Ana River, Reach 1 &amp; 2 of Mill Creek, Oak Glenn Creek, Reach 1, 3, and 4 of San Timoteo Creek, Bear Creek, the Shay Meadows wetland and Baldwin Lake;</li> <li>c. Add SPWN to appropriate waters, such as Mountain Home Creek, Lytle Creek, San Antonio Creek, San Jacinto River – North Fork, and Reach 7, and Santa Ana River Reach 3 &amp; 4;</li> <li>d. Add WILD to San Jacinto River Reaches 4 &amp; 5.</li> </ul> <p>Changes needed to reflect existing hydrology:</p> <ul style="list-style-type: none"> <li>e. San Diego Creek from upper Newport Bay to drop structure at MacArthur Blvd - designate as a separate reach and add EST;</li> <li>f. Erwin Lake - revise beneficial uses to intermittent.</li> </ul>	0.1	0.2	0.1	0.4

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14.	Remove Laguna and Lambert Reservoirs from Lakes and Reservoirs section of Table 3-1 and Table 4-1. Add the creeks that remain to Table 3-1 and 4-1, and assign appropriate WQS.	0.1			0.1
15.	Add waters in the Goodhart Canyon Watershed to Santa Ana Region and assign water quality standards. (Drainage has been altered by the construction of Diamond Valley Reservoir's East Dam). Add or subtract waters that would change as a result of realigning Region's boundary (to accurately reflect watershed boundaries) with Region 9 in the area of Laguna Hills.	0.1			0.1
16.	Add a water quality objective narrative regarding the excessive growth of macrophyte aquatic plants or combine with existing algae narrative objective.		0.1		0.1
17.	Revise numeric objective for residual chlorine for discharges to surface waters.		0.5	0.5	1.0
18.	Republish basin plan in updated electronic format with updated maps based on CalWaters data and reflecting changes in watershed boundaries.		0.1		0.1 <sup>18</sup>
19.	Add narrative on implementation procedures for narrative turbidity and toxicity objectives.		0.3	0.3	0.6
20.	Revise Chapter 5 Prohibitions Applying to Inland Surface Waters (saline and sewage discharges) and modify to explicitly include lakes.			0.1	0.1

<sup>18</sup> State Water Resources Control Board contract funds will be used to complete the majority of this task.

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21.	Revise Chapter 3 Beneficial Use Tables narrative to incorporate Tributary Rule.			0.1	0.1
22.	Consider narrative revisions to make clear that water quality standards apply to intermittent surface waters, as well as perennial waters.			0.1	0.1
23.	Consider revisions to recognize importance of headwaters as a separate class or category of waters, and of protecting their WQS.			0.1	0.1
24.	Develop waste discharge prohibitions for excessive sedimentation resulting from controllable water quality factors (targeted at excessive sedimentation in upper Newport Bay, Big Bear Lake, and Lake Elsinore Watersheds).		0.3	0.2	0.5
25.	Consider need for clarification of Chapter 5 Minimum Lot Size Requirements and Exemption Criteria for New Developments (using on-site sewage disposal systems).			0.25	0.25
26.	Non-regulatory, descriptive updates and revisions, including: <ul style="list-style-type: none"> <li>a. Add narrative on Alaska Rule;</li> <li>b. Update information on approved policies (e.g., Nonpoint Source Enforcement Policy, 303(d) Listing Policy) (Chapter 2);</li> <li>c. Update Chapter 5 "Disposal of hazardous and Nonhazardous Waste" to reflect loss of SWAT program;</li> <li>d. Update SLIC Program Discussion;</li> <li>e. Update Animal Confinement Facilities (Dairies) discussion in Chapter 5;</li> <li>f. Update Nonpoint Source Program discussion in Chapter 5;</li> <li>g. Add narrative on the efforts to remediate perchlorate contamination in the region.</li> </ul>		0.25		0.25
27.	Update the discussion of implementation of the antidegradation policy in Chapter 2 to address non-point source pollution.		0.1	0.1	0.2

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28.	Reevaluate temperature criteria to ensure full protection of aquatic life.			0.25	0.25
29.	Update dissolved oxygen objectives for WARM/COLD beneficial uses.			0.25	0.25
30.	Review silver water quality objective for groundwater.			0.25	0.25
31.	Revise fluoride WQO to be consistent with DHS MCLs.			0.25	0.25
32.	Review ammonia objective based on 1999 USEPA national criteria.		0.1		0.1
33.	Develop and adopt biological criteria for managing water quality.		1.0	1.0	2.0 <sup>19</sup>
34.	Santa Ana River, Reach 3 – add TOC WQO.			0.1	0.1
35.	Review Methylene Blue-Activated Substances (MBAS) water quality objective for surface waters.			0.1	0.1

<sup>19</sup> SWRCB directing statewide effort

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36.	Santa Ana River, Reach 3 – clarify the COD water quality objective.			0.1	0.1
	<b><u>SUBTOTAL: Resource needs to address Triennial Review issues</u></b>	11.7	14.4	14.65	
	Resources used for conducting Triennial Review	0.2			
	Funding supported by TMDL resources	[9.2]	[10]	[10]	
	Funding supported by Enforcement resources	[0.5]	[0.1]	[0]	
	<b><u>TOTAL TRIENNIAL REVIEW RESOURCES NEEDED (2.1 PY available)</u></b> (Subtotal Resources less resources for Triennial Review, less resources provide by TMDL and Enforcement programs)	1.8	4.3	4.65	