

## Attachment A

### **2004 Watershed Management Initiative Water Quality Priorities and Targeted Projects and Activities (Appendix D)**

Water quality priorities are developed from water quality data, legislative mandates, statutes, regulations and through staff priority-setting exercises, and reflect an attempt to balance competing demands, while at the same time adhering to the Regional Boards' mission to protect, restore and enhance water quality. Region 3 has undertaken a series of priority-setting exercises, in order to make more efficient use of decreased staffing levels (fifteen staff have left over the past two years and have not been replaced due to budget problems and the hiring freeze). In addition, amendments to the sections of the California Water Code pertaining to waivers of Waste Discharge Requirements have necessitated redirection of significant staff effort, especially in the area of irrigated agriculture.

The information in list D-7 below (also included in the Chapter), reflects a synthesis of a number of documents developed to refine priorities, and includes both priorities that will be addressed by regional board staff and priorities that may be best addressed by partners and stakeholders. Table D-7 below identifies targeted projects and activities that may be funded through statewide grant funds and local settlement funds.

#### **List D-7: Water Quality Priorities**

- **Agriculture** - Addressing water quality impacts from irrigated agriculture, a major land use in the region that has been identified as a potential source of impairment for many of the waterbodies on the 303(d) list (constituents of concern include nutrients, pesticides and sediment) by implementing the conditional waiver for irrigated lands
- **Total Maximum Daily Loads** – Developing and implementing TMDLs throughout the region
- **Urban Runoff** –Addressing beach closure issues, implementing Phase II of the NPDES Stormwater Program
- **Point Source Regulatory Programs** – Streamlining permit writing, renewing major permits and several existing Waste Discharge Requirements, performing inspections
- **Basin Planning** – Developing a riparian corridor policy, revising or developing water quality objectives
- **Monitoring** – Maintaining the Central Coast Ambient Monitoring Program, integrating data from the agricultural cooperative monitoring program
- **Clean-up** – Overseeing perchlorate, MTBE, military base, hazardous waste, and underground storage tank cleanups

**Table D-7: Targeted Projects and Activities**

Watershed	Targeted Projects and Activities
Regionwide	<ol style="list-style-type: none"> <li>1. Projects that support implementation of the Conditional Waiver for Irrigated Lands (“agricultural waiver”), including:               <ol style="list-style-type: none"> <li>a. Projects that support implementation of the Cooperative Monitoring Program</li> <li>b. Projects that support development and implementation of farm water quality management plans for irrigated operations to address irrigation management, nutrient management, pesticide management and erosion control</li> <li>c. Projects that implement and test the effectiveness of management practices</li> </ol> </li> <li>2. Projects that implement approved or developed TMDLs</li> <li>3. Projects that support development of scheduled TMDLs</li> </ol>
Pajaro	agricultural waiver implementation (monitoring, education, BMP implementation) riparian and wetland protection and restoration
San Lorenzo	sediment TMDL implementation (sediment reduction from private and public roads, timber harvest activities, and urban runoff)- <a href="http://www.swrcb.ca.gov/rwqcb3/TMDL/documents/RBResolutionandAmendment_002.pdf">http://www.swrcb.ca.gov/rwqcb3/TMDL/documents/RBResolutionandAmendment_002.pdf</a> riparian and wetland protection and restoration
Salinas	agricultural waiver implementation (monitoring, education, BMP implementation) riparian and wetland protection and restoration urban runoff reduction/increase infiltration
Elkhorn Slough	agricultural waiver implementation (monitoring, education, BMP implementation) riparian and wetland protection and restoration
Morro Bay	agricultural waiver implementation (monitoring, education, BMP implementation) sediment TMDL implementation (sediment reduction from urban runoff, roads, agriculture and grazing) <a href="http://www.swrcb.ca.gov/rwqcb3/TMDL/documents/RBResolutionandAmendment_001.pdf">http://www.swrcb.ca.gov/rwqcb3/TMDL/documents/RBResolutionandAmendment_001.pdf</a> pathogen TMDL implementation (pathogen reduction from boats, pets, urban runoff, agriculture and grazing) <a href="http://www.swrcb.ca.gov/rwqcb3/TMDL/documents/MorroBayPathSBresoln_000.pdf">http://www.swrcb.ca.gov/rwqcb3/TMDL/documents/MorroBayPathSBresoln_000.pdf</a> land acquisition for watershed/water quality protection riparian and wetland protection and restoration
San Luis Obispo	agricultural waiver implementation (monitoring, education, BMP implementation) riparian and wetland protection and restoration mitigate groundwater overdraft/increase infiltration pathogen TMDL implementation (pathogen reduction from urban runoff and grazing)

Santa Maria	agricultural waiver implementation (monitoring, education, BMP implementation)
Santa Ynez	agricultural waiver implementation (monitoring, education, BMP implementation)
South Coast Watersheds	agricultural waiver implementation (monitoring, education, BMP implementation) riparian and wetland protection and restoration

# Attachment B

## Central Coast Regional Water Quality Control Board Regional Priorities

<i>Priority Issues</i>	<i>Programs</i>	<b>Measurement</b>	<i>Affected Watershed</i>	<i>Link to Grants/Loans or other</i>
<b>1. Water Quality</b>				
<b>Surface and Groundwater nitrates and pesticides from Agricultural runoff and percolation</b>	NPS (including WDRs, Waivers, etc),	Establishment of Watershed Working Groups	Santa Maria River/Oso Flaco Lake	Need funds for water quality monitoring, management practices, measuring progress more effectively.  Use of Watershed Chapters for Watershed Mgmt, to guide priorities within individual watersheds.  Some 319, Prop 13 & settlement funds may be available for Watershed groups & Implementation of Ag Management Practices.
		Implementation of Ag Management Practices	Pajaro River/Llagas Creek	
		No. of Farm Water Quality classes held & attended	Salinas River Lower Area (includes Elk-horn Slough)	
		No. of Farm Water Quality Plans prepared	Carpinteria Marsh	
		Reduced no. of well closures	Santa Ynez River Valley	
		Reduction in levels of pollutants and toxicity		
		Increase in Conservation Easements		
	TMDL & Basin Planning	TMDLs completed that include implementation and compliance monitoring plans for ag runoff control or delisting		
	SWAMP	Improved ability to determine baseline conditions in waterbodies; improved ability to determine trends in conditions in waterbodies, ability to identify surface water priorities on a region-wide basis	Regionwide	

<b>Beach and Marine Mammal Pathogens</b>	NPS (including WDRs, Waivers, etc)	Increase in number of community clean up projects (mutt mitts, pet waste ordinances, riparian vegetation/buffer strips installation, storm drain controls, sewage treatment system improvements)	Santa Cruz County urban streams and beaches	Need funds for water quality monitoring, management practices, measuring progress more effectively
		Reduction in levels of pathogens	San Luis Obispo County urban streams and beaches	
		Reduction in beaches closed or posted	Santa Barbara County urban streams and beaches	
		Increase in conservation easements	Morro Bay (Backbay, Los Osos)	
			Monterey, Pacific Grove	
	Storm water	Increase in implementation of model urban runoff programs and municipal grading, erosion control and other water quality protective ordinances.  inspections completed; monitoring reports reviewed; increase in permit compliance & enforcement		
	NPDES/WDRs	Reduction in spills from or violations of sewage treatment systems' effluent limits		
	TMDL	TMDLs that indicate magnitude and locations of water quality problems and recommend water quality improvement strategies		

	Regional Monitoring/ SWAMP	Increase in number of coastal urban watersheds with data collected, data analyzed and used in implementation/ compliance decision making  Increased number of pathogen research projects and monitoring programs to detect emerging diseases of concern		
<b>Point source threat to surface waters</b>	Storm Water NPDES/ WDR	Issue NPDES Permits & WDRs; inspections completed; monitoring reports reviewed; increase in permit compliance & enforcement (and see beach pathogens, above)	Region-wide	Discharger fees; USEPA funding; USEPA Contractors
<b>Point source threat to groundwater for drinking</b>	WDR       DOD, SLIC, AGT	Volume pumped and treated. Mass of contaminant removed. GW basins returned to service. Alternative water supplies in place.  Plant upgrades, Landfill liners built, Illegal fills properly closed	Region-wide	Discharger fees; USEPA funding; USEPA Contractors Funds for monitoring, planning, research (e.g. most effective solutions)
<b>Seawater Intrusion</b>	NPS  Water Rights  401 Cert for augmentation projects, reclamation, recycling	Reduction in Seawater Intrusion via areas with elevated chloride  Reduction in GW Pumping in Lower Valley Increased recharge, increased recycling (replace pumped groundwater)	Lower Salinas River and Pajaro Basins	None
<b>Mercury in Fish Tissue</b>	NPS	gravel roads paved,  TMDLs completed &	Las Tablas Creek, Lake Nacimiento	USEPA funding

	TMDL	implemented,		
		mine drainage improved		
	NPDES			
<b>Excessive Salts in Groundwater</b>	NPDES, WDRs	Monitoring data from wells in MRPs will show levels consistent with water quality objectives.	All basins with significant irrigated agriculture, San Benito Groundwater Basin, Gilroy Groundwater Basin	Grants to fund education campaigns to inform the public on salt cycle and how they are involved.
	NPS	Get DHS database on line and analyze for broad trends. Complete region-wide evaluation of all groundwater basins and review of all groundwater basin water quality objectives		
<b>Runoff (w/Sediment, pesticides, bacteria, metals, oil &amp; grease)</b>	WDRs, NPS, Forest Practice Rules	Increased/improved anadromous fish habitat	San Lorenzo River and other Santa Cruz County Watersheds	Some other 319, Prop 13 & settlement funds may be available for Agencies, Watershed groups & Implementation of Management Practices.
	TMDL	Miles of surfaced and or maintained roads		
	Timber regulation			
	County assistance with unsurfaced roads, erosion/drainage control measures in slide prone areas, urban runoff controls			
<b>2. External Expectations</b>				
<b>Clean Beaches</b>	NPDES, NPS, Storm Water	Reduced Beach Closures, Postings, SSOs	Region-wide, but we only know about monitored beaches	Discharger fees, USEPA funding
<b>Timber Harvest Management</b>	WDRs, NPS, Forest Practice Rules		Big Basin HU	
	TMDL			

<b>Pesticide Safety</b>			Pajaro River, Salinas River, Santa Maria River, Arroyo Grande Creek, San Luis Obispo Creek	
<b>Endangered Species Protection (e.g. reduce sea otter mortality)</b> <b>Fisheries depletion</b>	TMDLs for estuaries  Timber regulation, Stormwater, NPS		Monterey Bay, Morro Bay Big Basin HU	
<b>NPDES &amp; WDR Compliance and Renewal</b>	NPDES WDR Storm Water	Minimize permit backlog, new & reissued permits and WDRs; compliance rates; enforcement actions	Region-wide	Discharger fees, USEPA Funding
<b>High Profile Permits (e.g., Power Plants, Goleta and Morro Bay WWTPs )</b>	NPDES	Complete Permit Reissuance	Monterey Bay, Morro Bay, Goleta	Discharger Fees, USEPA Funding
<b>Accessible Public Information</b>	All	Web based, public accessible WQ information.	All	
<b>3. Program Efficiencies</b>				
<b>Contracting</b>	NPS, TMDL		Region-wide	
<b>Basin Plan Amendment Approval Process</b>	TMDL, NPDES, WDRs, NPS		Region-wide	
<b>Public Relations (Outreach, Education, information sharing on program status, monitoring data, etc.)</b>	TMDL, WDR, NPDES, NPS, SWAMP		Region-wide	



<b>Monitoring (field sampling, lab analyses, data quality checking)</b>	TMDL, NPS, SWAMP		Region-wide	
<b>e-Data Management Systems (systems currently provide for management permit by permit and project by project; needs to be managed on watershed and region-wide basis)</b>	ALL		Region-wide	
<b>Dischargers' compliance</b>	NPDES, WDR, Stormwater	Resources needed to match Program demands Inspections, and number with corrective actions taken Enforcement actions	Region-wide	State & Regional Boards should pursue as a statewide issue
<b>Low threat Discharges</b>	WDR Coordination with Counties	Complete statewide regulations of Individual Septics Systems; Adopt Septic System Waiver; Amend Basin Plan; Approve Local Agency MOUs	Region-wide	State & Regional Boards should pursue as a statewide issue
	Conditioned waivers	Oil field beneficial re-use		
	General WDR	Recycling Wineries		

# Attachment C

## FINAL 2001 TRIENNIAL REVIEW PRIORITY LIST

Revised 11/16/2004

TASK	TYPE OF ACTION	ESTIMATED TIME (Staff years and Duration)	STATUS	COMMENTS
<b>Surface Water Issues</b>				
1. Develop Region-Wide Nonpoint Source Management Measures	Policy/BMP	4 months/ 1 year	Policy to the Board 06/02	1998 TRL #1, Use State NPS Plan  Revision of 1998 TRL #13, #20, #28, and #29
2. Develop Riparian Corridor Protection Policy	Policy	4 months/ 2 years	Policy to the Board 12/02	1998 TRL #5, Region 2 is developing a document that links beneficial uses to protecting the Riparian corridor. Region 2 will have a final technical document for review before the end of April. Region 3 staff shall begin with that document.
3a. Develop a regional onsite wastewater management policy consistent with AB 885.  Shall include at a minimum: maintenance guidelines, repair standards, and monitoring requirements.	Policy	6 months/ 3 years	Status Report's to the Board 12/02 and 12/03  Basin Plan Amendment to the Board 6/04	Revision of 1998 TRL #19, #29, and #117  Board staff are participating in a State AB 885 Technical Advisory Committee
3b. Update On-Site Septic Tank Policy/Update MOUs	Policy	9 months/ 3 years	Basin Plan Amendment to the Board 6/04	1998 TRL #72, Contingent on AB 885 process
3c. Develop Septage Disposal Policy	Policy	3 months/ 3 years	Basin Plan Amendment to the Board 6/04	1998 TRL #78, Contingent on AB 885 process
3d. Update Mound System Guidelines	Policy	4 months/ 3 years	Basin Plan Amendment to the Board 6/04	1998 TRL #118, Contingent on AB 885 process

<b>TASK</b>	<b>TYPE OF ACTION</b>	<b>ESTIMATED TIME (Staff years and Duration)</b>	<b>STATUS</b>	<b>COMMENTS</b>
4a. Develop region wide nutrient criteria consistent with federal Regional Technical Advisory Group (RTAG) and a State Regional Technical Advisory Group (STRTAG).  Include nutrient water quality objectives for Franklin Creek, Santa Monica Creek, Lopez Lake, and Perfumo Creek.	Criteria	12 months/ 4 years	Status Report's to the Board 12/02 and 12/03  Basin Plan Amendment to the Board 12/04	Revision of 1998 TRL #29, #106, #107, #109, and #113.  TMDL's may identify specific numeric targets, these may be useful as starting points for Water Quality Objectives.  Board staff are participating in federal and state RTAG/STRTAG efforts.
4b. Develop Ammonia Objective	Objective	9 months/ 4 years	Basin Plan Amendment to the Board 12/04	1998 TRL #112, Contingent on RTAG/STRTAG efforts
4c. Develop Narrative Biological Objective (Nitrogen) to Protect from Dominance of Nuisance Species	Objective	6 months/ 4 years	Basin Plan Amendment to the Board 12/04	1998 TRL #51, Contingent on RTAG/STRTAG efforts
4d. Develop Nitrogen Water Quality Objectives to Protect Rare, Threatened, or Endangered Species Beneficial Use	Objective	6 months/ 4 years	Basin Plan Amendment to the Board 12/04	1998 TRL #18, Contingent on RTAG/STRTAG efforts  TMDL's may identify specific numeric targets, these may be useful as starting points for Water Quality Objectives  Will be addresses in part through Riparian Corridor Protection Policy, which will protect habitat species need to survive and reproduce.
5. Incorporate an Enterococcus standard for water contact recreation in ocean waters	Objective	3 months/ 2 years	Draft language developed 6/01  Status Report to the Board 6/03	Revision of 1998 TRL #29 and #131, Will result in revision of the Ocean Plan. No formal action required by the Regional Board.
6a. Create a Basin Plan Index	Basin Plan Revision	2 months/ 1 year	Basin Plan Amendment to the Board 6/02	Revision of 1998 TRL #116 and #126
6b. Create a Basin Plan Glossary	Basin Plan Revision	2 months 1 year	Basin Plan Amendment to the Board 6/02	Regional Board Staff request

<b>TASK</b>	<b>TYPE OF ACTION</b>	<b>ESTIMATED TIME (Staff years and Duration)</b>	<b>STATUS</b>	<b>COMMENTS</b>
7a. Revise Chapter 6 of Basin Plan to add a Central Coast Ambient Monitoring Program description and monitoring schedule	Basin Plan Revision	3 months/ 1 year	Basin Plan Amendment to the Board 6/02	Revision of 1998 TRL #116
7b. Revise Chapter 6 of Basin Plan	Basin Plan Revision	3 months/ 3 year	Basin Plan Amendment to the Board 6/03	1998 TRL #116
8. Revise Turbidity Objective	Objective	3 months/ 2 years	Basin Plan Amendment to the Board 12/02	1998 TRL #53 - A modified turbidity objective has been reviewed and adopted by the Board in numerous NPDES Orders discharging to inland surface waters
9. Incorporate an E. Coli standard for water contact recreation in surface waters	Objective	6 months/ 3 years	Basin Plan Amendment to the Board 12/03	Revision of 1998 TRL #131, Will result in revision of the Basin Plan surface water objective.
10. Clarify Narrative Objective for Taste/Odors	Objective	4 months/ 3 year	Basin Plan Amendment to the Board 6/04	Revision of 1998 TRL #29, TMDL's may identify specific numeric targets, these may be useful as starting points for Water Quality Objectives
11. Clarify Chapter 5, page V-9, Section IV.C.1., Areas of Special Biological Significance.	Basin Plan Revision	3 months/ 3 year	Basin Plan Amendment to the Board 6/04	<p>The section contains prohibitions that should apply to the ocean generally in addition to Areas of Special Biological Significance (ASBS).</p> <p>The Basin Plan will be clear that discharges to ASBSs are prohibited.</p> <p>The ASBS section shall include an explanation of the special circumstances permitting Carmel to discharge to an ASBS.</p>
12. Consider TMDLs per the priorities and schedules established on the most recent 303(d) List of Impaired Waters	Basin Plan amendment (per TMDL)	15 years (to complete current list)/ 15 years	In progress-some TMDL's to the Board 6/02	Separate TMDL staff and resources are available specifically for this task; ranking of this item is not indicative of task priority.
13. Develop 2004 Triennial Review Priority List (2004 TRPL)	Triennial Review	6 months	Preliminary 2004 TRPL to the Board 12/04	Clean Water Act and Porter Cologne Water Quality Control Act requirements
14. Basin Plan Waiver Policy Revision (SB 390)	Basin Plan Revision			

<b>TASK</b>	<b>TYPE OF ACTION</b>	<b>ESTIMATED TIME (Staff years and Duration)</b>	<b>STATUS</b>	<b>COMMENTS</b>
<b>Ground Water Issues</b>				
1a. Revise Chapter 6 of the Basin Plan to include a groundwater monitoring and assessment component consistent with participation in the statewide Groundwater Quality Monitoring Act of 2001 (AB 599).	Basin Plan Revision	3 months 1 yr	Basin Plan amendment to the Board 6/02	Revision of 1998 TRL item #4-Determine Objective Compliance for Ground Water Basins/Propose Monitoring Plan and Remedial Measures.
1b. Revise Chapter 6 of the Basin Plan to include assessment of Pajaro Hydrologic Unit	Basin Plan Revision	3 months 1 yr	Basin Plan amendment to the Board 6/02	Expansion of 1998 TRL #116
1c. Revise Chapter 6 of the Basin Plan to include assessment of Salinas Hydrologic Unit	Basin Plan Revision	3 months 2 yrs	Basin Plan amendment to the Board 6/03	Expansion of 1998 TRL #116
2a. Revision and/or clarification of Basin Plan narrative groundwater objectives; clarification of related tables.	Objectives	3 months 1.5 yrs	Basin Plan amendment to the Board 12/02	Revision of 1998 TRL #4, #69, and #80 – expanded to all groundwater basins
2b. Review and/or develop groundwater objectives for groundwater basins of the Region.	Objectives	6 months 3 yrs	Basin Plan amendments to the Board 12/02 12/03 6/04	Revision of 1998 TRL #4, #69, and #80 – expanded to all groundwater basins  will consider development of objectives for additional groundwater quality constituents
2c. Salts objectives - investigate the need for a region-wide salts policy	Objectives/ Policy	6 months 3 yrs	Policy to the Board 6/04	Expansion of 1998 TRL #12 – water softener use policy
3. Identify existing beneficial uses (BU's) for groundwaters of the Region/determine appropriate BU's for shallow groundwater	Beneficial Use	3 months 2 yrs	Basin Plan amendment to the Board 6/03	Revision of 1998 TRL #48 and #124  May only require revision of language in the Basin Plan/ development of BU table.

<b>TASK</b>	<b>TYPE OF ACTION</b>	<b>ESTIMATED TIME (Staff years and Duration)</b>	<b>STATUS</b>	<b>COMMENTS</b>
4a. Develop Region-wide Nitrogen Management measures for GW basins  May ultimately need to consider development of basin-specific management measures for some groundwater basins.	Policy/BMP	3 months 1.5 yrs	Policy to the Board 12/02	This general plan developed from the need for nitrogen management plans for 13 individual groundwater basins (1998 TRL items #9, 16, 17, 31, 32, 54, 55, 65, 66, 67, 68, 70, 71, and 75). Initial Plan will incorporate much of NPSMM policy (surface water 2001 TRL item #1).
4b. Fertilizer/pesticide backflow prevention measures	part of 4a above	same as 4a above	same as 4a above	1998 TRL #52 will be part of the region-wide Nitrogen Management Plan
5. Develop wellhead protection policy (a protective measure for sensitive groundwater resources)	Policy	3 months 2.5 yrs	Policy to the Board 12/03	Revision of 1998 TRL#20.
6. Update Groundwater Basin configurations	Basin Plan Revision	1 month 1.5 yrs	Basin Plan Amendment to the Board 12/02	Contingent upon completion of DWR 2002 update (due June 2002)
7a. Create a Basin Plan Index	Basin Plan Revision	1 month 1 year	Basin Plan Amendment to the Board 6/02	Revision of 1998 TRL #116 and #126
7b. Create a Basin Plan Glossary	Basin Plan Revision	1 month 1 year	Basin Plan Amendment to the Board 6/02	Regional Board Staff request
8. Develop 2004 Triennial Review Priority List (2004 TRPL)	Triennial Review	6 months	preliminary 2004 TRPL to the Board 12/04	Clean Water Act and Porter Cologne Water Quality Control Act requirements