

Central Coast Water Board
Agricultural Regulatory Program – Sustainable Land Management Vision Team
Final Operational Measures
Updated August 31, 2009

Priority Problems	Priority Goals	Target
1. Pollutants in agricultural tailwater	↓ Polluted Tailwater	By 2025, 80 % of agricultural tailwater will be eliminated or treated, and the remaining 20 percent exhibits positive trends in nitrate, toxicity, and sediment.
2. Nitrates in groundwater from fertilizer	↓ Nitrates in groundwater	By 2025, 80 % of groundwater will meet nitrate water quality objectives, and the remaining 20 percent exhibits positive trends.
3. Surface water toxicity from pesticides	↓ Toxicity in surface water	By 2025, 80 % of surface water will meet toxicity and or pesticide specific water quality objectives, and the remaining 20 percent exhibits positive trends.
4. Lack of aquatic habitat / habitat modification	↑ Aquatic habitat	By 2025, 80 % of aquatic habitat is healthy, and the remaining 20 percent exhibits positive trends in key parameters.
5. Surface water nutrients from fertilizer	↓ Nutrients in surface water	By 2025, 80 % of surface water will meet nutrient water quality objectives, and the remaining 20 percent exhibits positive trends.
6. Sediment Discharge	↓ Sediment discharge	By 2025, 80 % of surface water will meet sediment water quality objectives, and the remaining 20 percent exhibits positive trends.

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Total Agricultural Land Measures = 13, related to the above priority problems and goals. Measures will be used to assess progress toward Healthy Watersheds and measurable goals, specifically sustainable agricultural land use relevant to water quality improvement.

No.	Priority Goal						Measure	Target
	1	2	3	4	5	6		
1	X	X	X	X	X	X	<p style="text-align: center;">Agricultural Sustainability</p> <p>Measure 1: Number of acres certified sustainable (e.g. CCVT-SIP);</p>	Increasing Trend
2	X		X		X	X	<p style="text-align: center;">Tailwater Elimination</p> <p>Measure 2: Volume of tailwater produced by watershed; Alternative Measures: a. Acres of land discharging agricultural tailwater by watershed; b. No. of tailwater days by watershed;</p>	Reducing Trend
3	X		X	X	X	X	<p style="text-align: center;">Tailwater Treatment</p> <p>Measure 3A: Number of acres where tailwater is effectively captured and/or treated, reported by watershed;</p> <p>Measure 3B: Number of Regional Board regulatory and enforcement actions taken (inspections, notice of violations or enforcement actions) to implement</p>	<p>3A. Within 5 years, 80% of all acres enrolled – measured annually</p> <p>3B. Increasing trend</p>

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							tailwater treatment in areas with high volumes of tailwater;		
4	X	X	X			X	X	<p style="text-align: center;">Irrigation Efficiency Practice Implementation</p> <p>Measure 4A: Number of acres effectively implementing irrigation efficiency practices, reported by watershed;</p> <p>Measure 4B: Number of Regional Board regulatory and enforcement actions taken (inspections, notice of violations or enforcement actions) to implement irrigation efficiency practices in areas with high volumes of tailwater and severe water quality impairment, reported by watershed;</p>	<p>4A. Within 5 years, 80% of all acres enrolled – measured annually.</p> <p>4B. Increasing Trend</p>
5	X	X				X	X	<p style="text-align: center;">Nutrient Management Practice Implementation</p> <p>5A. Number of acres effectively implementing nutrient management plans including budgeting practices, reported by watershed;</p> <p>5B. Number of Regional Board regulatory and enforcement actions taken (inspections, notice of violations or enforcement actions) to implement nutrient management practices in groundwater recharge areas, areas with domestic well use, and areas with severe nitrate impairment, reported by watershed.</p>	<p>5A. Within 5 years, 80% of all acres enrolled, measured annually.</p> <p>5B. Increasing Trend</p>

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6	X		X				Pesticide Risk Reduction	<p>6A. Pounds of high risk pesticides applied by watershed.</p> <p>6B. Number of acres effectively implementing IPM practices, reported by watershed;</p> <p>6C. Number of Regional Board regulatory and enforcement actions taken (inspections, notice of violations or enforcement actions) to implement IPM practices in areas with severe toxicity, reported by watershed;</p>	<p>6A. Decreasing Trend</p> <p>6B. 80% of all acres enrolled, measured annually.</p> <p>6C. Increasing Trend</p>
7				X			Aquatic Habitat Protection	<p>7A. Square feet of aquatic habitat existing on agricultural lands, reported by watershed;</p> <p>7B. Number of Regional Board follow-up regulatory and enforcement actions taken (inspections, notice of violations or enforcement actions, notification to agencies with jurisdiction) to address aquatic habitat modification, reported by watershed;</p>	<p>7A. Increasing Trend</p> <p>7B. Increasing Trend</p>