

ATTACHMENT 4

**Brief Summary of Project Proposals Submitted by the Dunes Collaborative
and Water Board Staff Comments**

PRIMARY PROJECT PROponent AND PROJECT LOCATION	PROJECT TYPE & SIZE	COST & DESCRIPTION	WATER BOARD STAFF COMMENTS
Center for Natural Lands Management Rancho Guadalupe Dunes Fence and Trail Installation	1.5 miles of fencing along the Santa Maria Estuary	\$168,000 Installation and maintenance of partial cattle exclusion fencing on the Santa Maria River Estuary, Installation of hiking trail with interpretive signs	This project would partially exclude cattle from the Estuary. The Water Board or Executive Officer can require exclusion of cattle form riparian and wetland areas to prevent discharges and degradation of beneficial uses.
U.S. Fish and Wildlife Service and Guadalupe Nipomo Dunes Center Refuge South Fence Project	16,000 ft of fencing to protect 150 Acres	\$63,825 Installation of fencing across the center of the former Guadalupe Oil Fields	Fence would eliminate cattle from 150 acres of sensitive habitats The Water Board or Executive Officer can require exclusion of cattle form riparian and wetland areas to prevent discharges

			and degradation of beneficial uses.
<p>Coastal San Luis RCD Corbett Creek/Tally Ho Creek Sediment Reduction Project</p>	<p>Headcut remediation, Conservation Easement on 7-9 Acres</p>	<p>\$612,000 Headcut remediation and culvert drainage; Clark Conservation Easement and floodplain restoration on 7-9 acres</p>	<p>Relatively small-scale and high cost. Unsure about specific extent of aquatic life impairment (steelhead, red-legged frog); doesn't address listed impairment. Estimated sediment reduction of 250 cubic yards/10 years from head cut and 900 tons/yr from conservation easement</p>
<p>State Parks and Resource Conservation Districts Oso Flaco Lakes and Watershed Management Plan Phase II</p>	<p>Oso Flaco</p>	<p>Implementation of Specific Water Quality Projects (sediment basin, wetland management, farmland BMPs)</p>	<p>No Costs Associated with final proposal and no specific Projects Identified. Almost all landowners are enrolled in the Water Board's irrigated Ag program and are implementing nutrient testing. Water Board could require additional work that is needed</p>

<p>via its Ag permit renewal in 2009, or by letter from the Executive Officer. Additional work required may include irrigation evaluations and nutrient and irrigation management practices.</p> <p>This is a small watershed with virtually 100% Ag and highly impaired water quality draining to a sensitive water body - Oso Flaco Lake - Water Board could prioritize its regulatory effort here.</p>			
<p>Costly, with partial on-the ground work.</p> <p>Low landowner interest in riparian restoration.</p> <p>Over 90% of landowners already test and adjust their irrigation water. Funds could build on those efforts.</p>	<p>\$400,000</p> <p>Develop an Agricultural Practices Workplan to develop, install, and monitor BMPs that reduce nutrients and pesticides;</p> <p>Initiate a Pilot Tailwater Reduction Project; Tailwater flow monitoring</p>	<p>Watershed-wide landowner outreach,</p> <p>160 - acre Tailwater Project</p>	<p>State Parks and Resource Conservation Districts</p> <p>Oso Flaco Watershed Management Plan Phase IB</p>

<p>Guadalupe Nipomo Dunes Center</p> <p>SMRE Enhancement Management Plan Implementation</p>	<p>Lower Santa Maria River and Estuary Planning</p>	<p>\$50,000</p> <p>Perform necessary comprehensive analysis, priority ranking, and solicitation of landowners to implement 21 actions in SMRE Plan, including to reduce tailwater runoff from cultivated fields</p>	<p>Not actual on-the ground work.</p> <p>Highly impaired area.</p> <p>Dunes Center track record is not strong for managing water quality contracts, and Organization does not include current upstream Ag reps - needs matching implementation funds and landowner involvement.</p> <p>This work may be necessary to implement a completed plan.</p>
<p>Land Conservancy of San Luis Obispo County</p> <p>Dana Adobe Cultural Landscape Preservation Project</p>	<p>Land Acquisition; 100-Acres</p>	<p>\$700,000</p> <p>Conservation Easement (legal lots suitable for multiple ranchettes and barns); Educational pilot project of a properly managed working ranch.</p>	<p>The actual benefits of this project are not clear. Project proponent statements indicate it is a cultural center development project, a conservation project, and a restoration project. The Executive Officer met with project proponents and noted his concerns with financial stability, potentially exaggerated benefits, and claims that Water Board was obligated to provide funds. Property has already been purchased, and funds would go</p>

				toward paying off the mortgage.
Salmon Enhancement Arroyo Grande Creek Care Guide	Outreach	\$6,000	Project will include completing the draft Creek Care Guide that includes ideas for improving WQ including preventing stormwater pollution and demonstrating LID projects.	Not actual on-the ground work. The Water Board has the authority to require the City to do this type of work via the City's Storm Water Management Program.
City of Arroyo Grande Newsom Springs Regional Drainage Plan Project	Arroyo Grande – 1000 acres	\$711,000	Remedy flooding, runoff water quality, bank erosion, agriculture adjacent to Arroyo Grande Creek	Relatively high cost and risk of minimal tangible results. Success requires understanding of cause and effect, and focus on causes of degradation, not symptoms. Water Board could require improvements in land use management to address causes of degradation.

<p>State Parks and RCDs</p> <p>Oso Flaco Lakes Management Plan Phase IA</p>	<p>Oso Flaco Lake Assessment</p>	<p>\$328,000</p> <p>Nonpoint Source Assessment and Management Plan</p>	<p>Not actual on-the ground work.</p>
<p>Center for Natural Lands Management</p> <p>Rancho Guadalupe Dunes Preserve-Biotic Surveys, Solomon Creek and SMRE</p>	<p>Orcutt and SMRE Assessment</p>	<p>\$25,500</p> <p>Project will include biotic surveys for CRLF and other sensitive species</p>	<p>Not actual on-the ground work.</p>
<p>State Parks</p> <p>Oceano Lagoon</p>	<p>Assessment</p>	<p>\$120,000</p> <p>Water Quality Assessment, Biological Resource Assessment and Management Actions</p>	<p>Not actual on-the ground work.</p>

<p>State Parks Pismo Lake Ecological Reserve</p>	<p>Assessment</p>	<p>\$120, 000 Water Quality Assessment, Biological Resource Assessment and Management Actions</p>	<p>Not actual on-the ground work.</p>
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