

CEQA SCOPING MEETING  
PINTO LAKE TMDL JUNE 2, 2015

**NOTE: THE FOLLOWING ARE NOTES TYPED BY CENTRAL COAST WATER BOARD STAFF IN REAL-TIME DURING THE JUNE 2, 2015 CEQA SCOPING MEETING AND THEREFORE ARE PRESENTED IN ROUGH DRAFT FORM. THESE NOTES HAVE NOT UNDERGONE EXTENSIVE EDITING OR PROOFREADING, AND ARE PROVIDED FOR INFORMATIONAL VALUE ONLY.**

	<b>Reasonably Foreseeable Management Measures or Actions</b>	<b>Adverse Environmental Impacts associated with Management Measure or Action?</b>	<b>Level of Impact: No Impacts? or Less than Significant? or Substantial &amp; Significant?</b>	<b>Alternatives to management measure or action?  Mitigation? (if no alternative)</b>
<b>1</b>	Interpretive signs & informational literature to increase public awareness at park kiosk	None?	None or less than significant	N.A.
<b>2</b>	Alum Treatment of Lake Sediments	<p style="text-align: center;">Done around the world Don't want to overdose or underdose. Neg. Impacts: pH changes Impact fish gills? Lots of studies nationwide Buffered form of alum mitigate pH problem. Benthic organisms: bottom of Pinto Lake is anaerobic Aquatic insect larvae live in Pinto sediment-those will be impacted adversely, that said reducing the larval (blood worms) population in lake significant? Maybe not.</p>	Significant impact but can be mitigated to less than significant?	<p>Alum treatment might return aquatic macroinvertebrate population to something more representative of eutrophic coastal lake.</p> <p>Can use buffered alum to prevent pH impacts.</p> <p>Bloodworms are mainly food for adult carp. No other species of fish can survive the almost zero DO conditions below 8 feet. Reducing the bloodworm won't have a significant impact on the adult or juvenile populations of other fish species. population won't have a significant impact on the adult or juvenile populations of other fish species.</p>
<b>3</b>	Carp removal	Population may bounce back, may need ongoing control program.	Less significant	Carp removal midges might overproduce. And cause nuisance.
	Seek funding for landowner outreach and workshops	None?	None or less than significant	N.A.

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4	Irrigation and Nutrient Management			
5	Constructed wetlands			
6	Riparian restoration			
7	Critical area planting, filter strips, hedgerows and vegetative buffer strips			
8	Floating treatment island technology			
9	Vehicle washing and greywater management	Bottom end of lake mostly residential sediment control on land?? What is being applied on land?? Streets drain into lake. Residential land above county lake. Need to look at erosion control, education outreach. Fertilizer use. Scott thinks residential runoff during rain events pretty significant. Rv park goes into sanitary sewers		

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<b>10</b>	Sewering Pinto Lake residential areas.	Amesti Rd. side is not sewered Information limited Board can use prohibitions, but it is a high bar to reach unless convincing evidence as a major source contributor. Financing requires approval of property owners. Potential management practice		
<b>11</b>	Additional watershed studies	None?	None or less than significant	N.A.
<b>12</b>	Street sweeping			

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13	Septic tank maintenance program	County already to some extent has a program. Fine grained soils might cause problems. A large fraction of tanks may never have been pumped. Oversight of septic? County tracks pumping. County take WQ samples looking for problems. Funding is a limitation. If problems identified, county requires property owner to fix situation. Clay pan soils. County could possibly have more of a presence in watershed?	Noise from truck? New systems are electrical, possible GHG emissions  Fee impacts to income residents, Agricultural impact, to workers? Cultural impact	
tes14	Landscape maintenance and stormwater management			
15	Sediment retention ponds Water and sediment control basins			
16	Denitrifying bioreactors (biofiltration)			
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## **Cumulative Impacts?**

*CEQA guidelines Section 15130 — Necessary to consider when a projects incremental effect is “cumulatively considerable” (i.e., the incremental effects of an individual project are considerable when viewed in connection with the effects of past projects, the effects of current projects, and the effects of probable future projects (including those outside the control of the lead agency, if necessary))*

**Alternatives to the TMDL and how alternatives would reduce impacts.**

**No Action alternative?**

**Prohibit activities that contribute to water quality impairments?**

**Develop and Implement TMDLs?**