



California Regional Water Quality Control Board

Central Valley Region

Robert Schneider, Chair



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Schwarzenegger
Governor

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22 August 2007

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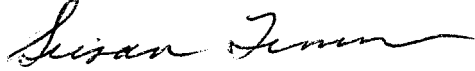
***REQUEST FOR INSTALLATION OF SEDIMENT AND EROSION CONTROL PRACTICES
TO REDUCE MERCURY- CONTAMINATED STORM WATER RUNOFF INTO PUTAH
CREEK, LABORATORY FOR ENERGY-RELATED HEALTH RESEARCH FACILITY,
UNIVERSITY OF CALIFORNIA, DAVIS, SOLANO COUNTY***

Low level mercury storm water runoff data acquired by the University of California, Davis (UCD) and the U.S. Department of Energy (DOE) at the Laboratory for Energy-Related Health Research (LEHR) from 2000 to the present show that concentrations of mercury in storm water exceed the water quality objective of 50 ng/L, the standard established by the California Toxics Rule.

Section 303d of the Clean Water Act requires that states list water bodies that do not meet water quality objectives to protect their beneficial uses. Putah Creek is on the 303d list because it is not attaining the narrative toxicity objective in the Basin Plan. Fish tissue samples from Putah Creek have methylmercury concentrations above U.S. Environmental Protection Agency's human health protection criterion of 0.3 milligrams per kilogram methylmercury in the edible portions of fish. For waters on this list, states are required to develop Total Maximum Daily Loads. The mercury concentrations in stormwater are contributing to unacceptable levels in Putah Creek.

Regional Water Board staff requests that, by **15 September 2007**, UCD and DOE submit work plans to implement best management practices (BMPs) to reduce erosion and sediment in storm water runoff to Putah Creek. Regional Water Board staff will comment on a quick turn around basis in order to facilitate implementation of the BMPs by 15 October 2007.

If you have any questions, you may contact me at (916) 464-4657.



SUSAN TIMM
Remedial Project Manager

cc: Ms. Michele Dineyazhe, U.S. Environmental Protection Agency, San Francisco
Mr. Steve Ross, Department of Toxic Substances Control, Sacramento
Mr. Stephen Pay, Department of Health Services, RHB, Sacramento
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