

**Subject:** Integrated Pest Management in Suisun Bay

**Background:** The presence of elevated concentrations of pesticides, including diazinon and chlorpyrifos, in the Bay Delta poses a threat to the aquatic ecosystem. Pesticide loads entering the Bay Delta and its tributaries come from both agricultural and urban sources. In order to help address the problem, CALFED has funded projects to develop management practices to reduce pesticide loads from agricultural sources, and has funded a project to develop urban runoff pesticide management practices in the Sacramento County area.

Urban creeks in central Contra Costa County which drain to the Suisun Bay also contain pesticides at levels that are toxic to test organisms. These toxic waters are discharged into a critical portion of the Delta. It is recommended that a program be funded to develop best management practices to reduce pesticide concentration in urban runoff from central Contra Costa County.

Contra Costa County has been participating on the Bay Area/Sacramento Valley Urban Pesticide Committee and submitted a project proposal during CALFED's 1997 process. The Committee, which is made up of environmental groups, pesticide registrants, DPR, and other agency representatives, has developed an urban runoff control strategy. The previously funded Sacramento County urban runoff project, and this proposed Contra Costa County project, both implement the control strategy and complement each other. Both the Sacramento and Contra Costa proposals are viewed by the Urban Pesticide Committee as necessary demonstration projects and were ranked the highest by the CALFED Technical Review Panel. If this integrated pesticide management proposal by Contra Costa County is successful, it will serve as a model for other urban areas.

**Proposed Action:** Fund the 1997 proposal (number B236) which was submitted by the Central Contra Costa Sanitary District. This Integrated Pesticide Management Project builds on a pilot project which is currently underway. The Executive Summary is attached.

**Geographic Area:** Central Costa County and Suisun Bay

**Recommended Funding:** \$266,000

**Coordination:** The project would be implemented in cooperation with UC Cooperative Extension and the Contra Costa Clean Water Program. Coordination with other agencies would be accomplished through the existing Bay Area/Sacramento Valley Urban Pesticide Committee. This project will be closely coordinated with the Sacramento County urban runoff program (proposal number B217).

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