

Status of Water Quality Actions

1. **Impacts of Pesticides on Aquatic Invertebrates in the Delta**
Cost: \$1,500,000
Purpose: Research to determine the ecological impact of pesticides on invertebrates in the Sacramento River, San Joaquin River, and Delta.
Status: CALFED staff will develop a detailed scope of the research needs based on input from stakeholders, agency representatives, and industry. In addition, staff will review the long-range plan which will be prepared by the IEP's Contaminant Effects Project Work Team, and will consult with the CALFED Water Quality Technical Group. The public will be invited to bid on this work through a proposal solicitation package to be released in October 1998.
2. **Baseline Pesticide Monitoring**
Cost: \$500,000
Purpose: A multi-year monitoring program to determine the source, concentration, and duration of pesticides found in the Sacramento River, San Joaquin River, and Delta.
Status: CALFED staff will develop a detailed scope of services based on input from stakeholders, agency representatives, and industry. In addition, staff will review the long-range plan which will be prepared by the IEP's Contaminant Effects Project Work Team, and will consult with the CALFED Water Quality Technical Group. The public will be invited to bid on this work through a proposal solicitation package to be released in October 1998.
3. **Chronic Fish Impairment Studies**
Cost: \$700,000
Purpose: Monitoring and research to evaluate the direct chronic impacts of contaminants, with an emphasis on pesticides, on important Delta fish species.
Status: CALFED staff will develop a detailed scope of services based on input from stakeholders, agency representatives, and industry. In addition, staff will review the long-range plan which will be prepared by the IEP's Contaminant Effects Project Work Team, and will consult with the CALFED Water Quality Technical Group. The public will be invited to bid on this work through a proposal solicitation package to be released in October 1998.
4. **Fathead Minnow Toxicity in the Sacramento River**
Cost: \$400,000
Purpose: Research to determine the toxicants involved in the observed fathead minnow mortality and to characterize its presence in receiving waters.
Status: Staff from the Central Valley Regional Water Quality Control Board will assist CALFED staff in developing a detailed scope of services. Discussions continue as to the best manner in which to select the entities to complete the work.
5. **Algal Toxicity**
Cost: \$500,000

Purpose: Determine the cause of the observed algal toxicity to fathead minnows in agricultural and urban drainages to the Sacramento River, San Joaquin River, and Delta.
Status: Staff from the Central Valley Regional Water Quality Control Board will assist CALFED staff in developing a detailed scope of services. Discussions continue as to the best manner in which to select the entities to complete the work.

6. **Water Quality Criteria for Chlorpyrifos and Diazinon**

Cost: \$100,000

Purpose: Complete the four toxicity tests needed to fill the data gaps and then calculate final criteria for these two chemicals.

Status: CALFED staff will prepare an Interagency Agreement with the Department of Fish and Game. The Central Valley Regional Water Quality Control Board will assist in developing the scope of services.

7. **Sediment Reuse and Toxicity Criteria**

Cost: \$500,000

Purpose: Research to be conducted on two main issues: first, a determination of whether Delta sediments are toxic to various components of the aquatic ecosystem, and second, a determination of the beneficial reuse options for various types of Delta sediment.

Status: Staff are continuing discussions with agencies and stakeholders to determine the most efficient manner in which to allocate these funds.