

State Water Resources Control Board
Resolution No. 85- 48

WHEREAS:

1. The State Board approved the "Plan for Assessing the Effects of Pollutants in the San Francisco Bay-Delta Estuary" which identifies and discusses a Hydrodynamic Element as one of six study element needed to provide information on this estuary.
2. The State Board approved a contract with the University of California at Berkeley to produce hydrodynamic models for the various embayment of San Francisco Bay using existing prototype data.
3. The State Board approved a contract with the U. S. Geological Survey to devise a method to monitor hydrodynamics in the shallow areas of the Bay.
4. A hydrodynamic study connecting the Bay and the Delta and including data on the shallow area would be highly desirable and help to refine existing concepts on pollutant movement in this area.
5. Six agencies including the U. S. Geological Survey, U. S. Bureau of Reclamation, U. S. Fish and Wildlife Service, State Department of Water Resources, State Department of Fish and Game and the State Board have developed cooperatively a hydrodynamic study of the Bay which will provide a two and a three dimensional model useful for identifying and predicting pollutant movement within and among the San Francisco Bay embayments.
6. The six agencies will also perform a one year study of the Delta to verify an existing hydrodynamic model and to check this model with the Bay model, both to increase understanding of the Striped Bass decline.

THEREFORE BE IT RESOLVED:

That the State Board authorize the Executive Director to negotiate and execute a six year multi-agency contract not to exceed \$230,000 for FY 1985-86 (\$180,000-Bay and \$50,000-Delta)

and \$180,000 per year through FY 1990-91 to develop, to verify and to link appropriate models for San Francisco Bay and the Delta.

CERTIFICATION

The undersigned, Executive Director of the State Water Resources Control Board, does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on June 20 , 1985.

for *Walter J. Petrus*
Michael A. Campos
Executive Director