

STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 88-42

REDIRECTION OF \$400,000 SAVINGS IN STATE ASSISTANCE PROGRAM (SAP)
TO FUND STUDIES RELATED TO REDUCTION AND MANAGEMENT OF
SUBSURFACE AGRICULTURAL DRAINAGE

WHEREAS:

1. The water quality of the San Joaquin River and its west side tributaries is affected by the discharge of pollutants contained in subsurface agricultural drainage;
2. The San Joaquin River Basin Technical Committee has suggested that its recommended water quality objectives for these water bodies may be economically achievable through better management of existing systems and, if necessary, pressurized irrigation systems;
3. Additional knowledge of the following is needed for the implementation of long-term programs to regulate subsurface agricultural drainage:
 - (a) the effects of alternative shallow ground water management programs on subsurface drainage quantity and quality;
 - (b) the effects of subsurface drainage flow reduction on subsurface pollutant load reduction (load/flow relationship);
 - (c) the effects of large-scale irrigation using a technologically advanced, pressurized system on the quantity and quality of subsurface drainage on the west side of the San Joaquin Valley (improved irrigation technology).
4. The Agricultural Water Management Subcommittee (Subcommittee) of the San Joaquin Valley Drainage Program will be soliciting, evaluating, and recommending proposals to investigate farm water management options for drainage reduction, including those mentioned specifically above;
5. Funding required for the proposals recommended by the Subcommittee is likely to far exceed the \$500,000 allocated for this purpose in the Department of Water Resources FY 1988-89 budget;
6. At present, \$513,111 is available to the State Board in State Assistance Program savings for funding additional projects; and

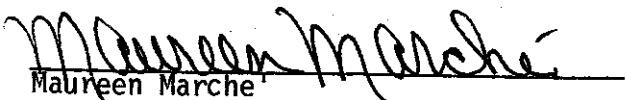
THEREFORE BE IT RESOLVED:

That the State Board authorizes the Executive Officer or his designee to negotiate and execute a contract up to \$400,000 of SAP funds with Department of Water Resources to perform investigations of emerging pressurized irrigation technologies to reduce agricultural drainage, refine drainage flow and pollutant load relationships, shallow ground water management programs to reduce drainage or other programs recommended by the Agricultural Water Management Subcommittee and agreed to by the Chief of the Division of Water

Rights. Up to \$15,000 of these funds will be made available to fund administrative costs of the Department of Water Resources associated with the performance of these studies.

CERTIFICATION

The undersigned, Administrative Assistant to the 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 April 21, 1988.


Maureen Marche
Administrative Assistant to the Board