

STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 79-27

BOARD ACCEPTANCE OF FINAL REPORT: "A STUDY TO
DEVELOP STANDARD PROCEDURES FOR LIFE HISTORY
ANALYSES OF BENTHIC INVERTEBRATES FOR BIOLOGICAL
MONITORING IN MARINE AND ESTUARINE ENVIRONMENTS"
(STANDARD AGREEMENT NO. W5-018-40)

WHEREAS:

1. The State Board, through Standard Agreement No. W5-018-40, contracted with the San Jose State University Foundation for a study by the Moss Landing Marine Laboratories for a total of \$105,000 to develop an improved biological monitoring approach. The purpose of the study was to improve the assessment of waste discharge impacts on marine and estuarine life by means that are more straightforward and that could cost less than the traditional approach of "community analysis" used in routine monitoring programs.
2. Moss Landing Marine Laboratories completed the work funded by the State Board and submitted a final report as required by Standard Agreement No. W5-018-40. The report presents methods to measure certain key features of selected groups of aquatic animals. The approach is termed "life history analysis".
3. The project has achieved its goal as proposed originally to the Board, that of having the research results "incorporated into marine monitoring programs for dischargers, for trend analysis, and for any necessary preconstruction surveys". The study has provided the stimulus and basis for inclusion of the life history analysis approach into the ocean outfall studies of San Francisco and Monterey, and the San Francisco Bay outfall studies of East Bay Dischargers Authority and the West Contra Costa Sanitation District, and its recommendation for the Marin-Sonoma projects. The City of Watsonville has proposed to EPA the use of this technique in its monitoring program associated with a request for waiver of the secondary treatment requirement for wastewater discharge to the ocean.
4. The research results are being considered for similar application at several other coastal sites in California.


THEREFORE BE IT RESOLVED:

That the State Board accepts the report "A Study to Develop Standard Procedures for Life History Analyses of Benthic Invertebrates for

Biological Monitoring in Marine and Estuarine Environments" in fulfillment of Standard Agreement No. W5-018-40.

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 March 15, 1979.


Larry F. Walker
Executive Director