

STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 80-34

AUTHORIZATION TO NEGOTIATE AND EXECUTE A CONTRACT FOR A  
STUDY OF HEAVY METAL AVAILABILITY AND TOXICITY TO CROPS  
CULTIVATED ON SOILS AMENDED WITH SEWAGE SLUDGE

WHEREAS:

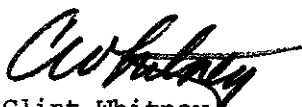
1. The State Board, as part of the San Francisco Bay Area "201" construction grant program, funded a study of sludge heavy metal toxicity to establish feasibility of land disposal of municipal sewage sludge.
2. The State Board's Executive Officer on January 23, 1979, approved Standard Agreement No. 8-116-410 on behalf of the Board with the Regents of the University of California (Riverside) for \$24,748, for a study to continue the ongoing investigation of heavy metal availability to crops in sludge amended soils.
3. The aforementioned study of long-term heavy metal uptake and toxicity effects was envisioned to require at least three years. The State Board funded part of the second year study from January 23, 1979, to January 22, 1980. The Kearney Foundation of Soil Science supported the study from July 1, 1978, to January 22, 1979, and from January 23, 1980, to June 30, 1980. This support will expire on July 1, 1980, and funding cannot be renewed.
4. The results of the first two year's work have been reviewed by staff and found to warrant continued support for the third year's study.
5. To meet the objectives of this study, funding is required through December 31, 1980.
6. Completion of the research objectives will provide data that can be utilized by Regional Boards to update waste discharge requirements and to develop adequate self-monitoring programs for dischargers of sludges to farmland.

THEREFORE BE IT RESOLVED:

That the Executive Director be authorized to negotiate and execute a contract continuing a study of heavy metal availability and toxicity to crops cultivated on soils amended with sewage sludge for a duration of six months in an amount not to exceed \$25,000, subject to the availability of funds.

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 May 15, 1980.

  
Clint Whitney  
Executive Director