

STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 88- 29

APPROVAL OF THE DIVISION OF WATER QUALITY
REPORT TITLED "CHLORINATED DIBENZO-P-DIOXIN
AND DIBENZOFURAN CONTAMINATION FROM THE USE OF
CHLOROPHENOL WOOD PRESERVATIVES IN CALIFORNIA"

WHEREAS:

1. In February 1982 the State Board approved the Priority Chemicals Workplan to study the potential impacts of toxic chemicals on all beneficial uses.
2. One of the elements of this workplan was development of criteria to select toxic chemicals for highest priority consideration, including:
 - Acute and chronic toxicity to human and aquatic life
 - Carcinogenicity, mutagenicity, and teratogenicity (reproductive effects)
 - Bioaccumulation potential
 - Persistence
 - Volume of use in California
 - Public concern about perceived hazards
 - Detection in state monitoring programs
 - Detection in remote areas worldwide
 - Fish and wildlife kills
 - Potential for contamination of surface and ground water
 - Actions by other state and federal agencies
3. On the basis of these criteria, a number of toxic chemicals, including pentachlorophenol and its byproducts, were selected for study.
4. It was determined that the polychlorinated dibenzodioxin (CDD) and dibenzofuran (CDF) contaminants of pentachlorophenol presented a much greater potential threat to water quality than the parent compound.
5. The State Board initiated a study of these CDD and CDF contaminants at sawmills and wood treatment plants in California and prepared a comprehensive report which addresses the previously described criteria.
6. The report incorporates peer review comments from scientists recognized in the fields of chemistry and toxicology, as well as technical and regulatory comments from state and federal agencies and the wood preservative industry.
7. In view of the findings of the report, the State Board has developed several recommendations for mitigating CDD and CDF impacts on beneficial uses of water.

THEREFORE BE IT RESOLVED:

That the State Board approve for publication the report titled, "Chlorinated Dibenzo-p-Dioxin and Dibenzofuran Contamination from the Use of Chlorophenol Wood Preservatives in California".

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 March 17, 1988.


Maureen Marche
Administrative Assistant to the Board