

Supplemental Data for Water Quality Evaluations at the TFCF, Byron, California

Agricultural Chemicals of Concern at the TFCF

Data obtained from San Joaquin County Office of the Agricultural Commissioner, the Farm Chemicals Handbook 2002, and State of California, 1997b, Draft Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays and Estuaries of California, California State Water Resources Control Board.

County EPA Agricultural Chemical Applications Data Base Queried for Townships and Ranges near the TFCF

Bureau of Reclamation <> TRACY FISH FACILITY IMPROVEMENT PROGRAM
http://www.usbr.gov/pmts/tech_services/tracy_research/

Citation: Craft, D., L. Mao, J. Fields, and B., Moore, 2000. *Chemistry and Water Quality at the Tracy Fish Collection Facility, California*, Tracy Fish Collection Facility Studies, Volume 9, U. S. Bureau of Reclamation, Mid Pacific Region and Denver Technical Service Center, 28 pp + Appendices.

These Data are Available in a Variety of Formats, including Access, Excel, or ASCII <> Contact: Doug Craft dcraft@do.usbr.gov, 303-445-2182.

Agricultural Chemical Name	Usage Class	1997 Application, kg	Likely Detection Months	Fish Toxicity Score
Aldicarb	Insecticide	1756	Mar, Apr	4.3
Bromoxynil	Herbicide	274	Jan, Feb	5.0
Carbofuran	Insecticide	1790	Mar, Jan	5.0
Chlorpyrifos	Insecticide	8734	Mar, Jul	5.0
Desmedipham	Herbicide	3450	Nov, Apr	4.0
Diazinon	Insecticide	604	Jan, Aug	4.3
Esfenvalerate	Insecticide	671	Jul	5.0
Fenbutatin-oxide	Pesticide	111	Jun	5.0
Fonofos	Insecticide	5592	May	5.0
Metam-sodium	Insecticide	4234	Mar, Jul, Aug	4.0
Metolachlor	Herbicide	3405	Mar, May	3.5
Oryzalin	Herbicide	624	Nov	4.0
Oxyfluorfen	Herbicide	1461	Nov, Feb	5.0
Permethrin	Insecticide	724	Sep	5.0
Phosmet	Insecticide	1244	Mar	4.0
Trifluralin	Herbicide	51643	Feb, Mar, Nov	4.3