LITERATURE CITED

SECTION I - INTRODUCTION

- ISWP/EBEP Task Forces. 1995. Reports of the public advisory task forces to the State Water Resources Control Board regarding development of the Inland Surface Waters Plan and the Enclosed Bays and Estuaries Plan. October 1995. 225 pp.
- SWRCB. 1990a. Water quality control plan. Ocean waters of California. California Ocean Plan. State Water Resources Control Board. October 18, 1990. 23 pp.
- SWRCB. 1990b. Functional equivalent document. Development of water quality control plans for: Inland surface waters of California and enclosed bays and estuaries of California. Draft. State Water Resources Control Board. November 26, 1990.
- SWRCB. 1991. Supplement functional equivalent document. Development of statewide water quality control plans for 1. Inland surface waters of California (California Inland Surface Waters Plan) 2. Enclosed bays and estuaries of California (California Enclosed Bays and Estuaries Plan). State Water Resources Control Board. April 9, 1991.
- SWRCB 1991a. California inland surface waters plan. Water quality control plan for inland surface waters of California. 91-12WQ. State Water Resources Control Board. April 1991. 25 pp. plus appendices.
- SWRCB 1991b. California enclosed bays and estuaries plan. Water quality control plan for enclosed bays and estuaries of California. 91-13WQ. State Water Resources Control Board. April 1991. 25 pp. plus appendices.
- SWRCB. 1993a. California inland surface waters plan. Water quality control plan for inland surface waters of California. 93-4WQ. State Water Resources Control Board. May 1993. 28 pp. plus appendices.
- SWRCB. 1993b. California enclosed bays and estuaries plan. Water quality control plan for enclosed bays and estuaries of California. 93-5WQ. State Water Resources Control Board. May 1993. 27 pp. plus appendices.
- SWRCB. 1997. Functional Equivalent Document: Amendment of the Water quality control plan for ocean waters of California. California ocean plan. March 1997. 25 pp.
- U.S. EPA. 1991. Technical support document for water quality-based toxics control. Office of Water. Washington, D.C. March 1991 (2nd printing). EPA/505/2-90-001, 145 pp. plus appendices.

Basin Plans

North Coast Regional Water Quality Control Plan. 1994.
San Francisco Bay Regional Water Quality Control Plan. 1995.
Central Coast Regional Water Quality Control Plan. 1994.
Los Angeles Regional Water Quality Control Plan. 1995.
Central Valley Regional Water Quality Control Plan, Sacramento/San Joaquin River Basins. 1995.
Central Valley Regional Water Quality Control Plan, Tulare Lake Basin. 1996.
Lahontan Regional Water Quality Control Plan. 1995.
Colorado River Basin Regional Water Quality Control Plan. 1995.
Santa Ana Regional Water Quality Control Plan. 1995.
San Diego Regional Water Quality Control Plan. 1995.

SECTION II - EXISTING REGULATORY CONDITIONS AND ADDITION OF CTR

None

SECTION III - PROJECT DESCRIPTION

None

SECTION IV - ENVIRONMENTAL SETTING

DWR. 1994. California water plan update. Volume 1 & 2. Department of Water Resources. October 1994.

Norris, R. M. 1990. Geology of California. Second Edition. John Wiley & Sons, Inc.

Oakeshott, G. B. 1971. California's changing landscape. McGraw-Hill, Inc.

Palmer, T. 1993. California's threatened environment. Restoring the dream. Island Press. Washington & California.

SWRCB. 1997. 1996 California water quality assessment report. January 1997.

SECTION V - ANALYSES OF ISSUES AND ALTERNATIVES

Chapter 1 - Establishing Effluent Limitations for Priority Pollutant Criteria/Objectives

None

Chapter 1.1 - Selection of Pollutants ("Reasonable Potential")

U.S. EPA. 1991. Technical support document for water quality-based toxics control. Office of

Water. Washington, D.C. March 1991. 145 pp. plus appendices.

- U.S. EPA. 1993. Training manual for NPDES permit writers. March 1993. EPA 833-B-93-003.
- U.S. EPA. 1994. Guidance for NPDES permit issuance. Region IX. February 1994. 20 pp. plus appendices.
- U.S. EPA. 1995. Water quality guidance for the Great Lakes system: Supplementary information document. Office of Water. Washington, D.C. March 1995. EPA-820-B-95-001. 413 pp.

Chapter 1.2 - Calculation of Effluent Limitations

- U.S. EPA. 1991. Technical support document for water quality-based toxics control. Office of Water. Washington, D.C. March 1991. 145 pp. plus appendices.
- U.S. EPA. 1993. Training manual for NPDES permit writers. March 1993. EPA 833-B 93-003.
- U.S. EPA. 1994. Guidance for NPDES permit issuance. Region IX. February 1994. 20 pp. plus appendices.
- U.S. EPA. 1995. Water quality guidance for the Great Lakes system: Supplementary information document. Office of Water. Washington, D.C. March 1995. EPA-820-B-95-001. 413 pp.

Chapter 1.2.1 - Translators for Metals and Selenium

- U.S. EPA. 1991. Methods for the determination of metal in environmental samples. Office of Research and Development. June 1991. EPA/600/4-91/010. pp. 3-12.
- U.S. EPA. 1993. Memorandum from Martha G. Prothro, Acting Administrator for Water, to U.S. EPA Regions I-X regarding the Office of Water policy and technical guidance on interpretation and of aquatic life metals criteria. October 1, 1993.
- U.S. EPA. 1996. The metals translator: Guidance for calculating a total recoverable permit limit from a dissolved criterion. Office of Water. June 1996. EPA 823-B-96-007. 60 pp.

Chapter 1.2.2 - Mixing Zones and Dilution Credits

- U.S. EPA. 1991. Technical support document for water quality-based toxics control. Office of Water. Washington, D.C. March 1991. 145 pp. plus appendices.
- U.S. EPA. 1994. Water quality standards handbook. Second edition. Office of Water. August

1994. EPA-823-B-94-005a.

Chapter 1.2.3 - Ambient Background Concentrations

- U.S. EPA. 1991. Technical support document for water quality-based toxics control. Office of Water. Washington, D.C. March 1991. 145 pp. plus appendices.
- U.S. EPA. 1993. Training manual for NPDES permit writers. March 1993. EPA 833-B-93-003.
- U.S. EPA. 1994. Guidance for NPDES permit issuance. Region IX. February 1994. 20 pp. plus appendices.
- U.S. EPA. 1995. Water quality guidance for the Great Lakes system: Supplementary information document. Office of Water. Washington, D.C. March 1995. EPA-820-B-95-001. 413 pp.

Chapter 1.2.4 - Intake Water Credits

- U.S. EPA. 1991. Technical support document for water quality-based toxics control. Office of Water. Washington, D.C. March 1991. 145 pp. plus appendices.
- U.S. EPA. 1995. Water quality guidance for the Great Lakes system: Supplementary information document. Office of Water. Washington, D.C. March 1995. EPA-820-B-95-001. 413 pp.

Chapter 2 - Compliance Determination

None

Chapter 2.1 - Compliance Schedules

SWRCB. 1999a. 1998 California 305(b) report on water quality. May 1999. 242 pp.

SWRCB 1999b. Memorandum from Farouk T. Ismail, Chief of Planning an Design Section, Division of Clean Water Programs, to James G. Giannopoulos, Chief of Regulatory Programs Branch, Division of Clean Water Programs. October 12, 1999.

- U.S. EPA. 1996. Advanced notice of proposed rulemaking on the water quality standards regulations. Draft. February 27, 1996. 260 pp.
- U.S. EPA. 1995. Water quality guidance for the Great Lakes system: Supplementary information document. Office of Water. Washington, D.C. March 1995. EPA-820-B-95-001. 413 pp.

Chapter 2.2 - Interim Requirements

U.S. EPA. 1994. Guidance for NPDES permit issuance. Region IX. February 1994. 20 pp. plus appendices.

Chapter 2.3 - Monitoring and Reporting Requirements

None

Chapter 2.4 - Reporting Levels and Compliance Determination

None

- Clark J. U. 1998. Evaluation of censored data methods to allow statistical comparisons among very small samples with below detection limit observations. Environ. Sci. Technol. 32:177-183.
- SWRCB. 1998. Letter from Steven G. Saiz, Ocean Standards Unit, to Professor David Sedlak, University of California, Berkeley. Subject: Incorporation of peer review comments into the California Ocean Plan Functional Equivalent Document. September 18, 1999.
- U.S. EPA 1991. Technical support document for water quality-based toxics control. U.S. Environmental Protection Agency, Office of Water. EPA/505/2-90-001.
- U.S. EPA. 1995. Water quality guidance for the Great Lakes System: Supplementary information document (SID), Office of Water. March 1995. EPA-820-B-95-001.
- Zar, J. H. 1984. Biostiatistical analysis. 2nd edition, Prentice-Hall, New Jersey.

Chapter 3 - 2,3,7,8-TCDD Equivalents

- Ahlborg, U.G., G. Becking, L. Birnbaum, A. Brouwer, H. Derks, M. Feeley, G. Golor,
 A. Hanberg, J. Larsen, A. Liem, S. Safe, C. Schlatter, F. Wærn, M. Younes,
 E. Yrjänheikki. 1994. Toxic equivalency factors for dioxin-like PCBs. Report on a
 WHO-ECEH and IPCS consultation. December 1993. Chemosphere 28 (6):1049-1067.
- Birnbaum, L., and M. DeVito. 1995. Use of toxic equivalency factors for risk assessment for dioxins and related compounds. Toxicology 105:391-401.
- Nagao, T., G. Golor, H. Hagenmaier, and D. Neubert. 1993. Teratogenic potency of 2,3,4,7,8pentachlorodibenzofuran and of three mixtures of polychlorinated dibenzo-*p*-dioxins and dibenzofurans in mice. Problems with risk assessment using TCDD toxic-equivalency factors. Archives of Toxicology 67:591-597.

Rozman, K., W. Roth, H. Greim, B. Stahl, and J. Doull. 1993. Relative potency of chlorinated

dibenzo-*p*-dioxins (CDDs) in acute, subchronic and chronic (carcinogenicity) toxicity studies: implications for risk assessment of chemical mixtures. Toxicology 77:39-50.

- Safe, S. and D. Phil. 1990. Polychlorinated biphenyls (PCBs), dibenzo-*p*-dioxins (PCDDs), dibenzofurans (PCDFs), and related compounds: environmental and mechanistic considerations which support the development of toxic equivalency factors (TEFs). Toxicology 21(1):51-88.
- Schrenk, D., A. Buchmann, K. Dietz, H. Lipp, H. Brunner, H. Sirma, P. Münzel, H. Hagenmaier, R. Gebhardt, and K. Bock. 1994. Promotion of preneoplastic foci in rat liver with 2,3,7,8-tetrachlorodibenzo-*p*-dioxin, 1,2,3,4,6,7,8-heptachlorodibenzo-*p*-dioxin, and a defined mixture of 49 polychlorinated dibenzo-*p*-dioxins. Carcinogenesis 15(3): 509-515.

U.S. EPA. 1985. Health assessment document for Polychlorinated dibenzo-*p*-dioxins. August 1985. EPA/600/8-84/014F.

U.S. EPA. 1991. Technical support document for water quality-based toxics control. Office of Water. Washington, D.C. March 1991. 145 pp. plus appendices.

Chapter 4 - Toxicity Control Provisions

- Denton, D. and M. Narvaez. 1996. Regions 9 and 10 guidance for implementing whole effluent toxicity testing programs. Final. May 31, 1996. U.S. EPA.
- de Vlaming, V. 1997. Are the results of single species toxicity test reliable predictors of aquatic ecosystem community response? U.S. EPA (In press).
- Dickson, K.L., W.T. Waller, J.H. Kennedy, L.P. Ammann, R. Guinn, and T.J. Norberg-King. 1996. Relationships between effluent toxicity, ambient toxicity, and receiving system impacts: Trinity River dechlorination case study. pp. 287-308. In: Whole effluent toxicity testing: An evaluation of methods and prediction of receiving system impacts, D.R. Grothe, K.L. Dickson, and D.K. Reed-Judkins, eds. SETAC Press, Pensacola, Florida.
- SWRCB. 1996. Procedures manual for conducting toxicity tests developed by the Marine Bioassay Project, 96-1WQ. January 1996.
- U.S. EPA. 1989a. Generalized methodology for conducting industrial toxicity reduction evaluations (TREs). April 1989. EPA/666/2-88/070.
- U.S. EPA. 1989b. Toxicity reduction evaluation protocol for municipal wastewater treatment plants. EPA/6002-88/062.
- U.S. EPA. 1991. Technical support document for water quality-based toxics control. Office of Water. Washington, D.C. March 1991. 145 pp. plus appendices.

- U.S. EPA. 1992. Toxicity identification evaluation: Characterization of chronically toxic effluents: Phase I. May 1992. EPA/600/6-9/005F.
- U.S. EPA. 1993a. Methods for measuring the acute toxicity of effluents and receiving waters to freshwater and marine organisms. Fourth edition. August 1993. Weber, C.I.. EPA/600/4-90/027F.
- U.S. EPA. 1993b. Methods for aquatic toxicity identification evaluations: Phase II toxicity identification procedures for samples exhibiting acute and chronic toxicity. September 1993. EPA/600/R-92/080.
- U.S. EPA. 1993c. Methods for aquatic toxicity identification evaluations: Phase III toxicity confirmation procedures for samples exhibiting acute and chronic toxicity. September 1993. EPA/600/R-96/054.
- U.S. EPA. 1994. Short-term methods for estimating the chronic toxicity of effluents and receiving water to freshwater organisms. Third edition. Lewis, P.A., D.J. Klemm, J.M. Lazorchak, T.J. Norberg-King, W.H. Peltier, M.A. Heber. July 1994. EPA-600-4-91-002.
- U.S. EPA. 1995. Short-term methods for estimating the chronic toxicity of effluents and receiving water to marine and estuarine organisms. Chapman, G.A., D.L. Denton, J.M. Lazorchak. August 1995. EPA/600/R-95/136.
- U.S. EPA. 1996. Marine toxicity identification evaluation (TIE): Phase I guidance document. September 1996. EPA/600/R-96/054.
- Waller, W.T., L.P. Ammann, W.J. Birge, K.L. Dickson, P.B. Dorn, N.E. Le Blanc, D.I. Mount,
 B.J. Parkhurst, H.R. Preston, S.L. Schimmel, A. Spacie, and G.B. Thursby. 1996.
 Predicting instream effects from WET tests. pp. 271-286. In: Whole effluent toxicity
 testing: An evaluation of methods and prediction of receiving system impacts. D.R.
 Grothe, K.L Dickson, and D.K. Reed-Judkins, eds. SETAC Press, Pensacola, Florida.

Chapter 5 - Special Provisions

None

Chapter 5.1 - Storm Water and Urban Runoff

SWRCB. 1994. Urban Runoff Technical Advisory Committee report. November 1994. 72 pp.

SWRCB. 1995a. Initiatives in nonpoint source management. 17 pp.

Storm Water Quality Task Force (SWQTF). 1993a. California storm water best management

practice handbooks. Municipal. March 1993. 248 pp.

- SWQTF. 1993b. California storm water best management practice handbooks. Industrial. March 1993. 257 pp.
- SWQTF. 1993c. California storm water best management practice handbooks. Construction. March 1993. 194 pp.
- U.S. EPA. 1996. Memorandum from Robert Perciasepe to state water program directors, dated August 1, 1996, on interim permitting approach for water quality-based effluent limitations in storm water permits. 13 pp.

Chapter 5.2 - Nonpoint Source Pollution Dischargers

CZARA. 1990. Coastal zone amendment reauthorization act.

- SWRCB. 1988. Nonpoint source management plan. State Water Resources Control Board.
- SWRCB. 1995a. Initiatives in nonpoint source management. 17 pp.
- SWRCB. 1995b. Coastal nonpoint pollution control submittal. In conformance with Section 6217 of the Coastal Zone Act Reauthoriztion Amendments of 1990. September 1995.
- SWRCB. 1996. Workplan for Watershed Management Initiative (WMI) Integrated Plan Development.

U.S. EPA. 1993. Guidance specifying management measures for sources on nonpoint pollution.

Chapter 5.3 - Site-Specific Objectives

- U.S. EPA. 1984. Guidelines for deriving numerical aquatic site-specific water quality criteria by modifying national criteria. October 1984. EPA-600/3-84-099.
- U.S. EPA. 1994. Water quality standards handbook. Second edition. Office of Water. August 1994. EPA-823-B-94-005a.

Chapter 5.4 - Watershed Management and TMDLs

- SWRCB. 1995a. Strategic plan with initiatives. June 1995. 58 pp.
- SWRCB. 1996. California 305(b) report on water quality. August 1996. 121 pp.
- SWRCB. 1997. Watershed management initiative integrated plan. January 1997.
- U.S. EPA. 1991. Technical support document for water quality-based toxics control. Office of

Water. Washington, D.C. March 1991. 145 pp. plus appendices.

U.S. EPA. 1991. Guidance for water quality-based decisions: The TMDL process. April 1991. 65 pp.

Chapter 5.5 - Exceptions

U.S. EPA. 1994. Water quality standards handbook. Second edition. Office of Water. August 1994. EPA-823-B-94-005a.

Chapter 6 - Special Studies

None

SECTION VI - ENVIRONMENTAL EFFECTS OF THE PROPOSED POLICY

None

- American Water Works Association and American Society of Civil Engineers (AWWA and ASCE). 1998. Water Treatment Plant Design, Third Edition. McGraw-Hill, Inc., New York.
- Clifford, D. and T. Sorg. 1986. "Removing dissolved inorganic contaminants from water." Environ. Sci. Technol. 20:11(1072-1080).
- Freeman, H. M., Editor. 1989. Standard Handbook of Hazardous Waste Treatment and Disposal. McGraw-Hill, Inc.
- Metcalf & Eddy. 1991. Wastewater Engineering. Treatment, Disposal, and Reuse, Third Edition. McGraw-Hill, Inc.

Montgomery, J. M. 1985. Water Treatment Principles and Design. John Wiley & Sons.

- The NALCO Water Handbook, Second Edition. 1988. McGraw-Hill, Inc.
- U.S. EPA. 1990. Technologies for Upgrading Existing or Designing New Drinking Water Treatment Facilities. EPA/625/4-89/023.
- U.S. EPA. 1996 Technology Transfer Handbook. Management of Water Treatment Plant Residuals. EPA/625/R-95/008.
- U.S. EPA. 1980. Treatability Manual, Volume IV: Cost Estimating. EPA 600-042d.

U.S. EPA. 1985. Briefing: Technologies Applicable to Hazardous Waste. Prepared by Metcalf & Eddy.

SECTION VII - ENVIRONMENTAL CHECKLIST

None

SECTION VIII - ECONOMIC CONSIDERATIONS

- FIMS and FAA. 1993. Estimation of daily per capita freshwater fish consumption of Alabama anglers. Prepared for Alabama Department of Environmental Management, Montgomery, AL Fishery Information Management Systems, Inc. and Department of Fisheries and Allied Aquaculture.
- Fisher, A. and R. Raucher. 1984. Intrinsic benefits of improved water quality. Advances in applied micro-economics. 3:37-66.
- Knuth and Connelly. 1992. Is New York's health advisory on fish consumption making a difference? Coastlines. 22:(4) 5.
- Lyke. A.J. 1993. Discrete choice models to value changes in environmental quality: A Great Lakes case study. Dissertation, 376. University of Wisconsin-Madison.
- U.S. EPA. 1980. Treatability manual, Volume IV: Cost estimating. U.S. Environmental Protection Agency. EPA/600/8-80-04d.
- U.S. EPA. 1991. Technical support document for water quality based toxics control. EPA/505/2-90-001. U.S. Environmental Protection Agency. Office of Water.
- U.S. EPA. 1993. Assessment of compliance costs resulting from implementation of the proposed Great Lakes water quality guidance. U.S. Environmental Protection Agency.
- U.S. EPA. 1994. Guidance for NPDES permit issuance. U.S. Environmental Protection Agency.
- U.S. EPA. 1995. Assessment of compliance costs resulting from implementation of the final Great Lakes water quality guidance. U.S. Environmental Protection Agency.
- U.S. EPA. 1996. The metals translator: Guidance for calculating a total recoverable permit limit from a dissolved criterion. U.S. Environmental Protection Agency. EPA/823-B-96-007.
- U.S. EPA. 1997a. Economic analysis of the proposed California water quality toxics rule. U.S. Environmental Protection Agency. Office of Science and Technology.
- U.S. EPA. 1997b. Analysis of potential costs related to the implementation of the California water quality toxics rule. U.S. Environmental Protection Agency. Office of Science and

Technology.

- U.S. EPA. 1997c. Analysis of potential costs related to the implementation of the California water quality toxics rule. Technical support document (Appendices). U.S. Environmental Protection Agency. Office of Science and Technology.
- U.S. EPA. 1997d. Water quality standards; Establishment of numeric criteria for priority toxic pollutants for the state of California; Proposed rule. U.S. Environmental Protection Agency. Federal Register. Volume 62, Page. 42159.
- Vena, J.E. 1992. Risk perception, reproductive health risk and consumption of contaminated fish in a cohort of New York state anglers. Research Program in Occupational and Environmental Health. State University of New York at Buffalo.
- West, P.C., J.M. Fly, R. Marans, and D. Rosenblatt. 1993. Minorities and toxic fish consumption: Implications for point discharge policy in Michigan.
- Parrota, M.J. and F. Bekdash. 1998. UV Disinfection of Small Groundwater Supplies. *Journal AWWA*. 90(2): 71–81.
- Truax, Dennis D. 1992. Optimization of Wastewater Treatment Plant Systems. *Water Environment Research*. 64(4): 400–02.
- U.S. EPA. 1979. Estimating Water Treatment Costs, Volume 2 Cost Curves Applicable to 1 to 200 MGD Treatment Plants. EPA 600/2-79-162b.
- U.S. EPA. 1990. Optimized Water Treatment Plant Performance with the Composite Correction Program. Summary Report. EPA 600/8-90/017. Cincinnati, OH.
- U.S. EPA. 1991. Technical Support Document for Water Quality-based Toxics Control. EPA/505/2-90-001. Washington, DC.
- U.S. EPA. 1992a. Risk Reduction Engineering Laboratory (RREL) Treatability Database, Version 5.0. Washington, DC.
- U.S. EPA. 1992b. Standardized Costs for Water Supply Distribution Systems. Gumerman, R., Burris, B., and Burris D. EPA 600/R-92/009. Cincinnati, OH.
- U.S. EPA. 1993. Assessment of Compliance Costs Resulting from the Implementation of the Proposed Great Lakes Water Quality Guidance. Prepared by Science Applications International Corporation for U.S. EPA Office of Water, Office of Science and Technology.
- U.S. EPA. 1996. Ultraviolet Light Disinfection Technology in Drinking Water Application An Overview. EPA 811-R-96-002.
- U.S. EPA. 1996a. The metals translator: Guidance for calculating a total recoverable permit limit from a dissolved criterion. EPA/823-B-96-007.

U.S. EPA. 1999. Economic Analysis of the California Toxics Rule. Prepared by Science Applications International Corporation for U.S. EPA Office of Water, Office of Science and Technology.

Water Environmental Research Federation (WERF). 1995. Comparison of UV Irradiation to Chlorination: Guidance for Achieving Optimal UV Performance Disinfection. Final Report, Project 9.

See also references listed in Section VIII.