

## REFERENCES

APHA, AWWA, and WEF 1995. Standard Methods for the Examination of Water and Wastewater, 17th Edition. American Public Health Association (APHA), American Waterworks Association (AWWA), and Water Environment Association (WEF). Washington, DC.

APHA, AWWA, and WEF 1997. Standard Methods for the Examination of Water and Wastewater, 19th Edition. American Public Health Association (APHA), American Waterworks Association (AWWA), and Water Environment Association (WEF). Washington, DC.

ASTM. 1963. Method D-422: Particle Size Analysis of Soils. American Society for Testing and Materials (ASTM), Philadelphia, PA.

ASTM. 1980. Method D-2216: Laboratory Determination of Water (Moisture) Content of Soil, Rock, and Soil-Aggregate Mixtures. American Society for Testing and Materials (ASTM), Philadelphia, PA.

ASTM. 1995. Standard guide for conducting sediment toxicity tests with freshwater invertebrates. ASTM 1995 Annual Book of Standards Vol. 11.04, E1706-95. American Society for Testing and Materials (ASTM), Philadelphia, PA.

ASTM. 2000. Standard test methods for determining sediment concentration in water samples: D3977-97, vol. 11.02, Water (II), 395-400. American Society for Testing and Materials (ASTM), Philadelphia, PA.

Bernstein, B.B., B.E. Thompson, and R.W. Smith. 1993. A combined science and management framework for developing regional monitoring objectives. Coastal Management 21: 185-195.

Bruland, K.W., K.H. Coale, and L. Mart. 1985. Analysis of seawater for dissolved cadmium, copper, and lead: an intercomparison of voltametric and atomic absorption methods. Mar. Chem. 17:285-300.

DFG. 1986. Procedures for Analysis of Selenium and Arsenic in Fish and Wildlife with Emphasis on Quality Control, 1986, Laboratory Report No. 86-3, CA Dept of Fish and Game, Fish and Wildlife Water Pollution Control Laboratory, Rancho Cordova, CA.

CALFED. 1999. Recommendations for the implementation and continued refinement of a comprehensive monitoring, assessment and research program.  
(<http://www.calfed.water.ca.gov/programs/cmarp>)

CDFG 1996a. California Stream Bioassessment Procedure for Habitat Assessment and Biological Sampling. California Department of Fish and Game, Aquatic Bioassessment Laboratory and Water Pollution Control Laboratory, Rancho Cordova, California.

CDFG 1996b. California Stream Bioassessment Procedure (Macroinvertebrate Analyses and Data Analyses). California Department of Fish and Game, Aquatic Bioassessment Laboratory and Water Pollution Control Laboratory, Rancho Cordova, California.

CDFG. 1998. Status of bioassessment in California and the development of a State-wide bioassessment program. Prepared by the Aquatic Biological Assessment Laboratory.  
(<http://www.dfg.ca.gov/cabw/status.html>)

CDFG. 2002. Laboratory Quality Assurance Program Plan. California Department of Fish and Game (CDFG), Office of Spill Prevention and Response.

Copeland, R., S. Upchurch, K. Summers, T. Janicki, P. Hansard, M. Paulic, G. Maddox, J. Silvanima, and P. Craig. 1999. Overview of the Florida Department of Environmental Protection's Integrated Water Resource Monitoring Efforts and the Design Plan for the Status Network. Florida Department of Environmental Protection, Division of Water Facilities, Watershed Management Program, Ambient Monitoring Section. 43 pp.

Davis, W.S., B.D. Snyder, J.B. Stribling and C. Sloughton. 1996. Summary of State Biological Assessment Programs for Streams and Wadeable Rivers. EPA 230-R96-007. U.S. Environmental Protection Agency; Office of Policy, Planning, and Evaluation; Washington, DC.

Deanovic, L, K Cortright, K Larsen, H Bailey, D Hinton, V Connor. 1998. Guidelines for conducting Toxicity Identification Evaluation Procedures in Urban Runoff: A Laboratory Manual. Aquatic Toxicology Laboratory, University of California Davis. Prepared for the Central Valley Regional Water Quality Control Board.

deVlaming, V., V. Connor, C. DiGiorgio, H.C. Bailey, L.A. Deanovic, and D. E. Hinton. 1999. Application of WET Test Procedures to Ambient Water Quality Assessment. Environmental Toxicology & Chemistry 19(1): 42-62.

Division of Water Quality. 2000. Staff Report: Proposed monitoring objectives for the surface water ambient monitoring program. Division of Water Quality, State Water Resources Control Board. March 13, 2000. 27 pp.

Folk, R.L. 1980. Petrology of Sedimentary Rocks. Hemphill Publishing Company, Austin, TX.

Gray, J.R., G.D. Glysson, L.M. Turcios, and G.E. Schwarz. 2000. Comparability of suspended-

sediment concentration and total suspended solids data: USGS Water-Resources Investigations Report 00-4191.

Intergovernmental Task Force on Monitoring Water Quality. 1995. The Nationwide Strategy For Improving Water-Quality Monitoring in the United States. Final Report of the Intergovernmental Task Force on Monitoring Water Quality Technical Appendix E. Open-File Report 95-742.

<http://water.usgs.gov/wicp/appendixes/AppendE.html>

Keith L.H. 1991. Environmental Sampling and Analysis: A Practical Guide. Lewis Publishers, Chelsea, MI, 143 pp.

Keith *et al.*, 1983. Principles of Environmental Analysis. Anal. Chem. 55:2210–2218.

Lauenstein *et al.*, July, 1993. NOAA Technical Memorandum NOS ORCA 71. National Status and Trends Program for Marine Environmental Quality. Silver Spring, Maryland.

Lauenstein, G.G., and D.R. Young. 1986. National Status and Trends Program for Environmental Quality. Benthic Surveillance Project: Cycle III Field Manual. NOAA Tech. Memo NOS OMA28.

Lowe, S., R. Hoenicke, and J. Davis. 1999. Quality Assurance Project Plan for the Regional Monitoring Program for Trace Substances. RMP Contribution #33. San Francisco Estuary Regional Monitoring Program, San Francisco Estuary Institute, Richmond, CA.

MLML (Bruland *et al.*). 2002. Procedures for Preparation of High Salinity (>0.5 parts per thousand) Water Samples for Trace Metals Analysis Using Column Extraction. 2002. CDFG Marine Pollution Studies Laboratory Analytical Procedures Manual, CA Dept of Fish and Game, Moss Landing, CA

Noble, R.T., J.H. Dorsey, M.K. Leecaster, M. Mazur, C.D. McGee, D. Moore, V. Orozco-Borbon, D. Reid, K. Schiff, P.M. Vainik, and S.B. Weisberg. 1999. Appendix C. Comparison of Bacterial Indicator Measurements Among Southern California Marine Monitoring Laboratories. In: Southern California Bight 1998 Regional Monitoring Program: I. Summer Shoreline Microbiology. Southern California Coastal Water Research Project. Westminster, CA.

Norberg-King, T, D Mount, E Durham, G Ankley, L Burkhard. 1991. Methods for Aquatic Toxicity Identification Evaluations: Phase 1 Toxicity Characterization Procedures (Second Edition). EPA-600/6-91/003. U.S Environmental Protection Agency, Environmental Research Laboratory, Duluth, Minnesota.

Plafkin *et al.* 1989. Rapid bioassessment protocols for use in streams and rivers: Benthic macroinvertebrates and fish. EPA/444/4-89-001. U.S. EPA, Office of Water. Washington, DC.

Plumb, R. H., 1981. Procedure for Handling and Chemical Analysis of Sediment and Water Samples. Technical Report EPA/CE 81-1, prepared for Great Lakes Laboratory, State University College at Buffalo, NY, for the U.S. EPA/Corps of Engineers Technical Committee on Criteria for Dredged and Fill Material. U.S. Army Engineers Waterways Experiment Station, CE, Vicksburg, MS.

SCCWRP. 1998. Field Procedures Manual for the Southern California Bight '98 Project. Southern California Coastal Waters Research Project (SCCWRP), Westminster, CA.

SCCWRP. 1998. Quality Assurance Project Plan for the Southern California Bight '98 Project. Southern California Coastal Waters Research Project (SCCWRP), Westminster, CA.

SFEI-RMP. 1999. Field Procedures Manual for the Regional Monitoring Program for Trace Substances. San Francisco Estuary Regional Monitoring Program. San Francisco Estuary Institute, Richmond, CA.

SFEI-RMP. 2000. Quality Assurance Project Plan for the Regional Monitoring Program for Trace Substances for Year 2000. San Francisco Estuary Regional Monitoring Program, RMP Contribution #33. San Francisco Estuary Institute, Richmond, CA.

SRWP. 2001. Quality Assurance Project Plan for the Sacramento River Watershed Program. Larry Walker Associates, Davis, CA.

Schiff, K.C. and R.W. Gossett. 1998. Southern California Bight 1994 Pilot Project: III. Sediment Chemistry. Southern California Coastal Water Research Project. Westminster, CA.

Scientific Planning and Review Committee. 1997. Recommendations on the Bay Protection and Toxic Cleanup Program monitoring activities. 23 pp. + 2 appendices.

SFBRWQCB 1995. Contaminant Levels in Fish Tissue from San Francisco Bay. San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), Oakland, California.

SFEI 1999. 1999 Quality Assurance Project Plan: Regional Monitoring Program for Trace Substances. San Francisco Estuary Institute (SFEI), Richmond, CA.

Southern California Coastal Water Research Project. 1998a. Southern California Bight 1998 Regional Monitoring Survey (Bight'98) Coastal Ecology Workplan. Prepared by the Bight'98 Steering Committee. 67 pp.

Southern California Coastal Water Research Project. 1998b. Southern California Bight 1994 Pilot Project: I. Executive Summary. Westminster, CA.

Shelton, L.R., and Capel, P.D., 1994, Guidelines for collecting and processing samples of stream bed sediment for analysis of trace elements and organic contaminants for the National Water-Quality Assessment program: U.S. Geological Survey Open-File Report 94-458, 20 p.

Shelton, L.R., 1994, Field guide for collecting and processing stream-water samples for the National Water-Quality Assessment program: U.S. Geological Survey Open-File Report 94-455, 44 p.

Stanley, T. W., and S. S. Verner. 1985. The U. S. Environmental Protection Agency's quality assurance program. pp 12-19 In: J. K. Taylor and T. W. Stanley (eds.). Quality Assurance for Environmental Measurements, ASTM STP 867. American Society for Testing and Materials, Philadelphia, Pennsylvania.

Stephenson, M., M. Puckett, N. Morgan, and M. Reid. 1994. Bay Protection and Toxic Cleanup Program: Quality Assurance Project Plan. Bay Protection and Toxic Cleanup Program, State Water Resources Control Board, Sacramento, CA.

Stevens, D.L., Jr. 1997. Variable density grid-based sampling designs for continuous spatial populations. *Environmetrics* 8: 167-195.

SWRCB. 1999. 1998 California 305(b) Report on Water Quality. State Water Resources Control Board. 242 pp.

SWRCB. 2000. Plan for implementing a comprehensive program for monitoring ambient surface and groundwater quality. Legislative Report by the State Water Resources Control Board. 49 pp.

SWRCB and RWQCBs. 1998. Integrated Plan for Implementation of the Watershed Management Initiative.

USEPA. 1979. Handbook for Analytical Quality Control in Water and Wastewater Laboratories. U.S. Environmental Protection Agency (USEPA). EPA 600-4-79-019.

USEPA. 1979a. Methods for Chemical Analysis of Water and Wastes (EPA 600-4-79-020). U.S. Environmental Protection Agency (USEPA).

USEPA. 1983. Methods for Chemical Analysis of Water and Waste, revised March 1983. U.S. Environmental Protection Agency (USEPA).

USEPA. 1986. Determination of Total Organic Carbon in Sediment (Kahn Method). U.S. Environmental Protection Agency (USEPA), Region II.

USEPA. 1991. Methods for Aquatic Toxicity Identification Evaluations: Phase I Toxicity Characterization Procedures. EPA 600/6-91-003. U.S. Environmental Protection Agency (USEPA), Office of Research and Development.

USEPA. 1992. Toxicity Identification Evaluation: Characterization of Chronically Toxic Effluents, Phase I. EPA 600/6-91-005F. U.S. Environmental Protection Agency (USEPA), Office of Research and Development.

USEPA. 1993. Method 619: Determination Of Triazine Pesticides In Industrial And Municipal Wastewater. EPA-821-R-93-010-A.

USEPA. 1993a. Methods for Aquatic Toxicity Identification Evaluations: Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity (EPA 600/R-92-080). U.S. Environmental Protection Agency (USEPA), Office of Research and Development.

USEPA. 1993b. Methods for Aquatic Toxicity Identification Evaluations: Phase I and III Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity (EPA 600/R-92-081). U.S. Environmental Protection Agency (USEPA), Office of Research and Development.

USEPA. 1993c. Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms. Fourth Edition, EPA-600/4-90-027F. U.S. Environmental Protection Agency (USEPA), Office of Research and Development, Cincinnati, OH.

USEPA. 1993d. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993 EPA/600/R-93/100.

USEPA 1994. Method 8141a: Organophosphorus Compounds By Gas Chromatography: Capillary Column Technique. U.S. Environmental Protection Agency, Office of Water.

USEPA 1994a. Method 8321: Solvent Extractable Non-Volatile Compounds By High Performance Liquid Chromatography/Thermospray/Mass Spectrometry (HPLC/TSP/MS) Or Ultraviolet (UV) Detection. U.S. Environmental Protection Agency, Office of Water.

USEPA 1994b. Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms (EPA 600/4-91-002). U.S. Environmental Protection Agency (USEPA), Office of Research and Development. July 1994.

USEPA. 1994c. Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates. EPA-600/R-94/024. U.S. Environmental Protection Agency (USEPA), Office of Research and Development, Washington DC.

USEPA. 1994d. Methods for the Determination of Metals in Environmental Samples, Supplement 1, May 1994 EPA/600/R-94/111.

USEPA. 1995. Environmental Monitoring and Assessment Program (EMAP): Laboratory Methods Manual – Estuaries, Volume 1: Biological and Physical Analyses. United States Environmental Protection Agency, Office of Research and Development, Narragansett, RI. EPA/620/R-95/008.

USEPA. 1995. Guidance for assessing chemical contaminant data for use in fish advisories. Volume 1. Fish sampling and analysis (second edition). Office of Water. EPA 823-R-95-007.

USEPA. 1995. Guidance on the Documentation and Evaluation of Trace Metals Data Collected for Clean Water Act Compliance Monitoring. EPA 821-B-95-002. U.S. Environmental Protection Agency, Office of Water, Washington DC.

USEPA 1995. Method 1631: Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry. U.S. Environmental Protection Agency (USEPA), Office of Water. EPA 821-R 95-027.

USEPA 1995. Method 1632: Determination of Inorganic Arsenic in Water by Hydride Generation Flame Atomic Absorption. U.S. Environmental Protection Agency (USEPA), Office of Water. EPA 821-R-95-028.

USEPA 1995. Method 1638: Determination of Trace Elements in Ambient Waters by Inductively Coupled Plasma-Mass Spectrometry. U.S. Environmental Protection Agency (USEPA), Office of Water. EPA 821-R-95-031.

USEPA 1995. Method 1639: Determination of Trace Elements in Ambient Waters by Stabilized Temperature Graphite Furnace Atomic Absorption. U.S. Environmental Protection Agency (USEPA), Office of Water. EPA 821-R-95-032.

USEPA 1995. Method 1640: Determination of Trace Elements in Ambient Waters by On-Line Chelation Preconcentration and Inductively Coupled Plasma-Mass Spectrometry. U.S. Environmental Protection Agency (USEPA), Office of Water. EPA 821-R-95-033.

USEPA 1995. Method 1669: Sampling Ambient Water for Trace Metals at EPA Water Quality Criteria Levels. U.S. Environmental Protection Agency (USEPA), Office of Water. EPA 821-R-95-034.

USEPA. 1996. ICR Microbial Laboratory Manual. U.S. Environmental Protection Agency, Office of Research and Development. EPA/600/R-95/178. Washington DC.

USEPA. 1997. Test methods for Evaluating Solid Waste. SW846, 3rd edition. Update III (1997).

USEPA. 1997a. Volunteer Stream Monitoring: A Methods Manual. 4503F. Office of Water, EPA-841-B-97-003. Washington, DC.

USEPA. 1999. EPA Requirements for Quality Assurance Project Plans (EPA QA/R-5) U.S. EPA Quality Staff (2811R). Washington, DC

USEPA. 2001. Method 1630 (*DRAFT*): Methyl Mercury in Water by Distillation, Aqueous Purge and Trap, and CVAFS. EPA-821-R-01-020. U.S. Environmental Protection Agency, Office of Water, Washington, DC.

USGS. 1993a. Method For Collection Of Benthic Invertebrate Samples As Part Of The National Water-Quality Assessment Program. Open-File Report 93-406. U.S. Geological Survey, Raleigh, NC.

USGS. 1993b. Method For Collection Of Algal Samples As Part Of The National Water-Quality Assessment Program. Open-File Report 93-409. U.S. Geological Survey, Raleigh, NC.

USGS. 1994. Guidelines for Collecting and Processing Samples of Stream Bed Sediment for Analysis of Trace Elements and Organic Contaminants for the National Water-Quality Assessment Program. Open-File Report 94-458. U.S. Geological Survey, Sacramento, CA.

USGS. 1997. Laboratory Manual for Analysis of Algal Samples (*DRAFT*). U.S. Geological Survey (USGS).

Valente, R. M. and C.J. Strobel. 1993. EMAP-Estuaries Virginian Province: Quality Assurance Project Plan for 1993. EPA 600/X-93/XXX. U.S. EPA, Office of Research and Development, Environmental Research Laboratory, Narragansett, RI.