

## Leslie F. Grober

State Water Resources Control Board, 1001 I Street, Sacramento, CA 95814

[Les.Grober@waterboards.ca.gov](mailto:Les.Grober@waterboards.ca.gov)

### Education

University of California, Davis  
**MS in Hydrologic Sciences**, March 1992

State University of New York at Binghamton  
**BS in Geology**, June 1980

### Employment History

5/11 to present	SWRCB- DWR, Sacramento	Assistant Deputy Director for Water Rights
4/06 to 5/11	SWRCB- DWR, Sacramento	Environmental Program Manager I
9/00 to 4/06	CRWQCB, CVR, Sacramento	Senior Land and Water Use Scientist
12/98 to 8/00	CRWQCB, CVR, Sacramento	Associate Engineering Geologist
3/94 to 11/98	CRWQCB, CVR, Sacramento	Associate Land and Water Use Analyst
7/88 to 7/93	UC Davis under contract to SWRCB	Post Graduate Researcher
11/80 to 10/85	SOHIO, San Francisco	Geologist

### Professional Experience

#### State Water Resources Control Board (SWRCB), Division of Water Rights

##### *Management*

- Assistant Deputy Director for Water Rights (May 2011 to present) and Manager of Hearings and Special Programs Section (April 2006 to May 2011); currently manage 64 technical (scientists, engineers, geologists) and administrative staff, and coordinate their activities with attorneys, Division of Water Quality and Regional Water Quality Control Board staff
- Responsible for the State Water Board's highest priority program: Bay Delta water quality control planning and implementation; also responsible for water rights hearings and Clean Water Act Section 401 water quality certification of Federal Energy Regulatory Commission (FERC) hydropower projects and Army Corp of Engineers Section 404 Permit projects
- Direct staff development and implementation of a comprehensive Strategic Workplan of coordinated State Water Board and Regional Water Quality Control Board Bay Delta activities
- Develop budgets and workplans; develop Budget Change Proposals; oversee management of inter-agency contracts and contractor work conducted under three-party memoranda of understanding
- Develop and oversee development of bill analyses and enrolled bill reports
- Supervise Administrative Support Section which includes responsibility for water rights records (water rights files for the State of California), Statements of Water Diversion and Use (statewide reporting of non-permitted and non-licensed water diversion and use), Division of Water Rights Personnel, and assessment of water rights fees, including data management and development of emergency regulations to fund Water Rights Fund program activities (\$17.6 million budget for fiscal year 2012/2013)

***Communication***

- Present, and oversee presentation of, complex and controversial agenda items to the State Water Board, including Bay Delta planning items, hearings, and water quality certifications; brief State Water Board members on these topics
- Organize and oversee organization of staff meetings on various topics including southern Delta salinity, San Joaquin River flows, and development of Delta flow criteria
- Work cooperatively with state, federal, regional, and local agencies and non-governmental organizations on Bay Delta and FERC water quality certifications; present State Water Board program information to Bay Delta Conservation Plan (BDCP), Delta Stewardship Council, and at other governmental, professional, and technical venues
- Represent State Water Board at directors level meetings for the BDCP, San Joaquin River Flow Settlement, and brief Legislature on Board programs
- Oversee preparation of complex technical documents, including documents prepared pursuant to the California Environmental Quality Act (CEQA)

***Technical***

- Direct staff and consultants on modeling, and model review efforts including CALSIM, and DSM
- Direct development of State Water Board model alternatives for the BDCP
- Direct staff and consultants on CEQA work products; direct staff review of CEQA and National Environmental Policy Act (NEPA) documents
- Direct and mentor staff on Delta hydrology, and Delta programs, policies, and issues
- Directed, on-time and on-budget, development of Delta flow criteria pursuant to legislative directive

***Selected Work Products / Accomplishments***

- Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, December 2006
- Strategic Workplan for Activities in the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, December 2007
- An Order approving a petition for long-term transfer of up to 200,000 acre-feet of water per year from Yuba County Water Agency to the Department of Water Resources and the United States Bureau of Reclamation, May 2008
- Periodic Review of the 2006 Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, August 2009
- Final Report on Development of Flow Criteria for the Sacramento-San Joaquin Delta Ecosystem, August 2010
- Water Quality Certification of the Oroville Hydroelectric Project, December 2010
- Planned and implemented expansion of State Water Board's Delta Program activities, 2011
- Worked collaboratively with state and federal agencies on 204 drought year alternative Delta operations, including Delta drought operations plan
- Currently working to complete Bay-Delta Water Quality Control Plan update and directing Delta tributary instream flow effort

## **California Regional Water Quality Control Board, Central Valley Region (CRWQCB, CVR)**

### ***Management***

- Unit Chief of San Joaquin River TMDL Unit: recruit, hire, and train staff; coordinate staff activities and oversee project development and completion
- Develop budgets and workplans for San Joaquin River TMDL development; augment funding through development of interagency agreements with California Bay Delta Authority; develop Budget Change Proposals; oversee management of multi-million dollar inter-agency contracts
- Oversee development of innovative TMDLs for pesticides, salt, selenium, and dissolved oxygen; make staff recommendations to senior management and Regional Board
- Coordinate activities of federal, state, and quasi-governmental agencies and assumed leadership role to facilitate improvement of San Joaquin River water quality; provided impetus for formation of San Joaquin River Water Quality Management Group
- Lead development of resource allocation framework for statewide TMDL program

### ***Technical***

- Complete innovative technical Total Maximum Daily Loads (TMDLs) in the San Joaquin River Basin for selenium, salt, dissolved oxygen, pesticides; develop Basin Plan Amendments and control programs using wide range of regulatory tools including waste discharge requirements (WDRs), waivers of WDRs, prohibitions, and water quality certification
- Design and implement a program of real time water quality monitoring and modeling of the San Joaquin River system as part of an inter-agency effort to study impacts of agricultural drainage; design water quality models for the San Joaquin River; train staff on the use of these models; provide water quality modeling support to the Regional and State Water Board on San Joaquin River water quality issues related to agriculture; participate in expert panel review of CalSim model
- Conduct and oversee field investigations, design water quality monitoring programs, perform statistical analyses of data; review and oversee staff review of CEQA and NEPA documents and other technical work and reports of federal, state, and other organizations; design and oversee development of databases

### ***Communication***

- Present water quality control programs and make recommendations to State Water Board and Regional Boards
- Present control program implementation strategies and other information on State Water Board and Regional Board programs to professional organizations, conferences, agricultural interests, and stakeholder groups
- Present model results to State Water Board and Regional Boards, agricultural interests, and stakeholder groups
- Present results of water quality analyses and model studies at professional conferences and publish these findings in proceedings and journals

- Author Basin Plan Amendment staff reports that implement TMDLs for selenium, salt, boron, and dissolved oxygen; author technical staff reports on water quality impacts of agricultural drainage
- Testify at State Water Board water rights hearings on San Joaquin River water quality issues
- Work cooperatively with state, federal, and local agencies on SJR water quality issues (CALFED, Grassland Bypass Project, Real Time Management, Salt and Boron Basin Plan Amendment, Selenium, Salt and Boron, and Dissolved Oxygen TMDLs, San Joaquin Valley Drainage Implementation Program)

## **University of California, Davis under contract to SWRCB**

### ***Technical***

- Design and code water quality models for the San Joaquin River; use these models to study the effect of irrigation and drainage practices on San Joaquin River water quality
- Document the impacts of agricultural discharges on San Joaquin River water quality using models, resulting in state regulation of these discharges
- Conduct field investigations and collect flow and water quality data; perform statistical analyses of this data

### ***Management***

- Coordinate student work assignments at SWRCB
- Coordinate research projects of UC Davis professors and graduate assistants; ensure completion of final reports

### ***Communication***

- Present technical results of water quality model analyses to SWRCB
- Author numerous technical reports

## **Standard Oil of Ohio/ British Petroleum (SOHIO / BP)**

### ***Technical***

- Investigate frontier areas using remote sensing methods, seismic stratigraphy, log correlation techniques, and computer modeling; conduct onsite analyses as a wellsite geologist in remote areas, including overseas and offshore locations

### ***Management***

- Supervise the cataloguing and storage of geophysical data records

### ***Communication***

- Author numerous proprietary reports on research of frontier project technical investigations and wellsite activities; present staff recommendations to senior management