

**CURRICULUM VITAE  
MATTHEW J. MCCARTHY**

**PROFESSIONAL EXPERIENCE**

**State Water Resources Control Bd    Senior Environmental Scientist (Sup)    Aug 2007 to present**

Supervised technical and analytical staff within the Permitting and Licensing Section of the Division of Water Rights. Ensured water right projects are designed or modified to protect terrestrial and aquatic resources in accordance with the Water Code, Public Trust Doctrine, and other requirements. Managed personnel actions for staff, conducted interviews, and hired staff. Innovated to improve Section output. Conducted outreach with other agencies and the public to improve understanding of water rights issues. Worked cooperatively with other agencies and interest groups to improve Division processes. Served as Section lead to improve the Division's databases.

**Central Valley Regional Water Quality Control Bd    Environmental Scientist    Jan 2001 to Jul 2007**

Lead the preparation of documentation for Total Maximum Daily Load reports in the San Joaquin River for selenium, salt, and boron, and assisted with documentation for dissolved oxygen and organophosphorus pesticides. Collected, synthesized, and interpreted water quantity and quality data. Assisted with spreadsheet modeling and basic statistical analysis of the data. Assisted in the preparation of Basin Plan Amendments, including associated technical reports and administrative records, associated with implementation of completed Total Maximum Daily Load reports. Assisted with outreach to stakeholders by organizing meetings throughout the San Joaquin River watershed and gave technical presentations. Collaborated with external stakeholders including the public, interest groups, and other agencies. Conducted fieldwork that included reconnaissance visits and water quality sampling. Supervised the work and handled personnel actions for one student aid position.

**EDUCATION**

Master of Science Soil Science    2000    Oregon State University, Corvallis, Oregon  
Minor: Bioresource Engineering

Bachelor of Science Soil Science    1999    California Polytechnic State University, San Luis Obispo, California  
Concentration: Environmental Management

**RELEVANT COURSE WORK AND TRAINING**

*Course Work*

Physical Hydrology  
Regional Hydrologic Modeling  
Geochemistry of Soil Ecosystems  
Nonpoint Source Pollution Assessment and Control  
Environmental Applications of Soil Science  
Water Resource Law and Policy  
Irrigation Water Management  
Land Use Planning

*Training*

California Environmental Quality Act  
Lean Six Sigma  
Water Rights Modeling