

**EDUCATION AND CERTIFICATIONS**

**Humboldt State University**  
*Bachelor of Science, Major: Environmental Resources Engineering*

Arcata, CA  
12/03

**California Professional Civil Engineer:**  
*License No. 74569. Expires December 31, 2015.*

**PROFESSIONAL EXPERIENCE**

**State Water Resources Control Board**  
*Senior Water Resource Control Engineer –  
Division of Water Rights, Water Quality Certification Program*

Sacramento, CA  
04/2013 – present

As a Senior Water Resources Control Engineer in the Division's Water Quality Certification Program, I supervise four technical staff which develops water quality certifications for hydroelectric projects located throughout California. I direct, manage, and review studies and investigations needed to evaluate projects for the protection of water quality. Duties also include managing contracts for the development of documents to comply with California Environmental Quality Act as it relates to the construction and operation of proposed and existing hydroelectric projects. This includes recommend mitigation measures or alternatives where appropriate. I also actively work with stakeholders, non-governmental organizations, and resource agencies to build consensus over a variety of controversial water related issues. I oversee complex hydrologic and geomorphologic assessments on issues related to hydroelectric and water resource development projects.

**State Water Resources Control Board**  
*Water Resource Control Engineer  
Division of Water Rights, Enforcement Section*

Sacramento, CA  
08/2010 – 4/2013

As a Water Resources Control Engineer in the Enforcement Section, I conducted field inspections to identify unauthorized diversions and to determine compliance with terms and conditions of existing water right permits and licenses. I performed stream flow measurements, conducted reservoir surveys, calculated diversion facility capacities, and other engineering analyses. I prepared detailed inspection reports containing findings and recommendations for actions to ensure project compliance. I also have experience reviewing monitoring reports and water availability studies as conditions of compliance. Through my career at the State Water Resources Control Board I have developed a strong understanding of California Water Codes and Regulations, and the ability to discuss and explain California water rights with members of the public in an accessible manner.

**Wood Rodgers Inc.**  
*Engineer II – Public Project Division*

Sacramento, CA  
03/2006 – 08/2010

As a staff engineer, I assessed water quality impacts associated with large construction projects. These assessments included developing solutions to mitigate potential water quality impacts such as: treatment Best Management Practices (BMPs), low impact development measures, and construction site BMPs. Duties included developing Storm Water Pollution Prevention Plans, sampling and analysis plans, implementation and monitoring of onsite BMPs, and obtaining the necessary permits associated with such activities. I also have experience with developing Storm Water Management Plans for NPDES Phase 2 communities.