

## **Senior Water Resources Engineer / Floodplain Mapping Study Manager Sacramento, California**

Michael Baker Jr. Inc., a division of Michael Baker Corporation, seeks a Senior Water Resources Engineer (Technical Manager I) for our Sacramento, California office.

Michael Baker Corporation (<http://www.mbakercorp.com>) provides engineering and operations and maintenance services for its clients' most complex challenges worldwide. The firm's primary business areas are aviation, environmental, facilities, geospatial information technologies, pipelines and utilities, transportation, water/wastewater, and oil and gas. With more than 4,000 employees in over 50 offices across the United States and internationally, Baker is focused on delivering innovative and sustainable solutions for infrastructure and the environment. Michael Baker Corporation is ranked among the top 50 national design firms (ENR 2007).

The Senior Water Resources Engineer will help manage many of the exciting water resources projects that company currently has. This position will primarily serve as a Study Manager for engineering analyses for H&H studies in Northern California, Nevada, and/or Arizona.

Requirements and Preferences for the Senior Water Resources Engineer /Study Manager are:

### **Requirements:**

- 4 year degree in Civil Engineering
- California PE is required (or is required to be imminent).
- Knowledge of the FEMA National Flood Insurance Program (NFIP) and a thorough understanding of engineering, mapping and floodplain management, including project scoping, H&H analysis, flood hazard mapping, map adoption and mitigation planning.
- Knowledge of floodplain modeling and delineation, flood insurance studies, FEMA's Guidelines and Specifications for Flood Hazard Mapping Partners, USACE levee policies/procedures, drainage design, drainage impact analysis, Digital Terrain Analysis, ArcGIS, and ESRI Products
- Minimum of 7+ years related work experience.
- Excellent communication and organizational skills are key in this dynamic environment.

### **Preferences:**

- A strong background or interest in hydrology and hydraulic analyses, mapping behind levees, DFIRM production, floodplain management, and GIS applications for Water Resources
- Proficiency in HEC-1, HEC-2, HEC-HMS, HEC-RAS or advanced H&H modeling desired.
- CFM certification

Michael Baker Corporation has a long-standing commitment to the principles of equal employment opportunity. In keeping with this commitment, we will continue recruitment, employment, compensation, terms, conditions, and privileges of employment of qualified persons without regard to gender, race, age, sex, religion, ethnicity, national origin, disability, veteran status, sexual orientation, or any other category protected by applicable federal, state, or local law. Individuals shall be judged solely on their job-related aptitude, training, skills, and performance.

We strive to instill a set of Core Values that include *Integrity, Quality, People and Teamwork, Safety, Communication and Commitment*.

Baker offers an excellent benefits package that includes: Medical, Dental, Vision, Disability Insurance, Life Insurance, Flexible Spending Accounts, Additional Paid Time Off, Flex-Time, 401-K Retirement Plan, Tuition Reimbursement, Employee Credit Union, and Savings Bond Purchase.

**To Apply for this position for this position, please log on to [www.mbakercorp.com/careers](http://www.mbakercorp.com/careers) and reference IRC35029.**

***Baker is an EEO/AAP (M/F/V/H) e-Verify Employer***

*(note: if you have problems applying on line, please contact the Systems Administrator at [BAKERHRMS@mbakercorp.com](mailto:BAKERHRMS@mbakercorp.com) )*