

Hydraulic Engineer, San Francisco, CA
REFERENCE: 08-HYD-E

PWA is seeking a hydraulic engineer to join our San Francisco office. The successful candidate's primary responsibilities will be to support our environmental restoration design, river and floodplain evaluation, and flood hazard analysis projects with hydraulic engineering expertise.

You will work closely with our existing team of hydrologists, geomorphologists, and restoration design engineers to provide hydraulic analysis and design expertise on a wide variety of projects. In any given week, you may develop design criteria for hydraulic structures used in a stream restoration design, lead a hydraulic modeling study of flood hazard at a tidally-influenced river mouth, provide quality control review of the basis of design for a levee project, or develop a scope of work to develop environmental alternatives for a flood control project.

Requirements

You must have a BS or higher degree with a strong technical foundation in hydraulic engineering, specialized experience with natural systems and open channel flow, and a P.E. Extensive familiarity with one-dimensional hydraulic modeling methods and programs is required, and experience with two-dimensional modeling is desirable. Training and/or experience in fluvial geomorphology, hydraulic structure design and flood hazard analysis are all desirable, as are experience with FEMA and USACE projects, methods and regulations. Ideally, you will have prior project management experience in a consulting or government agency setting.

You must have excellent writing skills and the ability to work effectively on teams with a variety of stakeholders and other professionals. PWA works primarily in California, but has projects throughout the West and beyond; some travel is required. Current eligibility to work in the US is required.

Reply to: employment@pwa-ltd.com

Please reference the job number in the subject line of your email or in your cover letter. Also, please indicate the source from which you obtained this job announcement.