

# BALANCE HYDROLOGICS, INC.

**Classification:** Full-time (40 hours per week) or Near-full Time (28-32 hours per week)

**Status:** Exempt (Benefits eligible after 60 days and 30 hours per week)

**Reports to:** to be determined.

**Job Posted:** January 22, 2018

## WATER-QUALITY SPECIALIST

Balance Hydrologics is seeking a water-quality specialist to support feasibility, design, and post-construction monitoring assessments for habitat-hydrology assignments. The successful applicant will have an established record of working closely with engineers, planners, biological and ecological specialist on projects with durations of typically 3 to 10 years on projects supported by private sector, agency, municipal, Resource Conservation District, ranching, and community-group sponsors. Balance conducts "clean-water work" with little or no added exposure to toxic constituents.

### Essential Functions:

*Responsibilities will include but not be limited to the following:*

- Simulate treatment efficacy using a variety of scenarios and software;
- Help design and conduct field trials for storm runoff in urban and agricultural areas;
- Participate in Balance's sediment-transport and sediment-tracing programs;
- Quantify effectiveness in vadose-zone and shallow groundwater using lysimeters, nested piezometers and other instrumentation;
- Assess long-term treatment efficiencies in wetlands in waters and soils;
- Supervise pre-sampling preparation and laboratory liaison;
- Support or conduct microbial-source tracing of pathogens;
- Testing runoff from turfgrass and outdoor recreational areas; and recommending treatment; and
- Distinguishing anthropogenic and natural sources of trace elements.

### Education/Experience/Licensing:

- An advanced degree in a related field, preferably in geology, soils, or engineering
- At least 6 years of a mix of field and permit-support work
- A record of interdisciplinary work, and strong history of team science
- Ability and willingness to conduct sampling during storms or other adverse conditions, and to install and operate instrumentation in montane or rough terrain
- Familiarity and a history of working with conventional stormwater regulations, NEPA, CEQA, ESA, and coastal-zone regulations
- Strong communications and supervisory abilities

### Work Environment & Physical Demands:

Performance of duties and tasks requires use of standard office equipment, including work at computer terminals. May be required to use step stools and carry records and files. Aptitude with hand tools and electronics is a strong plus.

Field work is intrinsic to this position. It often entails cross-country hiking, climbing slopes without paths, driving in rain or snow, Stream gaging and soils evaluations may require sampling — including the use of bridge-board or cable-suspension equipment -- during storms or freezing conditions. Installing piezometers and wells may require handling sand or bentonite, borehole and trench logging, and work in a dusty setting. Must be able to lift and carry 50 lbs.

**Availability:** This position is available in our Berkeley or Santa Cruz offices, at a full-time or near-full-time (28 to 32 hours/week) basis. Please email a letter of interest and resume to: Leslie Kizzee, Vice President, and COO [lkizzee@balancehydro.com](mailto:lkizzee@balancehydro.com)

Balance Hydrologics is an equal-opportunity employer, and is proud to have been one for 30 years.