

Environmental Program Assistant/Analyst (Water Quality Biologist)

Missouri Department of Natural Resources

Job Posting Number: ESP0098

Salary: \$ 1,422.00 -- \$ 2,167.00 Semi-Monthly

Job Location: This position will be located at the Missouri Department of Natural Resources' Environmental Services Program, the State Environmental Lab in Jefferson City, Missouri (2710 West Main Street).

Why you'll love this position:

The Aquatic Bioassessment Unit conducts water quality investigations, integrating macroinvertebrate community analysis (e.g. aquatic insects, snails, crayfish, etc.), water chemistry, and stream habitat attributes to assess the biological integrity of Missouri's wadeable streams. Individuals are responsible for all aspects of their projects, including site selection, sample collection and processing, macroinvertebrate taxa determination, data analysis, and final report preparation. The unit strives to foster a collaborative work environment to ensure high quality, scientifically defensible studies.

What you'll do:

- Plan and organize field work;
- Collect physical, chemical, and biological samples;
- Identify aquatic organisms using taxonomic keys and microscopes;
- Analyze and interpret data using spreadsheets, statistical, software and databases;
- Communicate ideas and results with other aquatic resource professionals;
- Prepare technical reports;
- Develop educational materials, participate in workshops, and train staff/others;
- Provide technical expertise on task forces, work groups, and in meetings.

All you need for success:

Minimum Qualifications

- A Bachelor's degree from an accredited college or university in the field of biological sciences;
- A valid Missouri driver's license;
- Considerable knowledge of scientific theory, principles, and practices as applied to aquatic biology;
- Ability to establish and maintain effective working relationships at all levels;
- Ability to communicate effectively, both orally and in writing;
- Physical ability to walk through streams carrying 20-25 lbs., launch and load various sizes of small boats, and occasionally work long (14-15 hour) days;
- Ability to travel occasionally with frequent overnight travel (2-3 nights/week) during the spring and fall sample collection seasons. A sample season can range in duration between two and five weeks;
- Ability to use a microscope and taxonomic keys for the identification of aquatic organisms.

Preferred Qualifications

- Preference will be given to applicants with advanced degrees in biological sciences or experience conducting water quality investigations.
- A demonstrated ability to communicate effectively in writing is preferred.

- Experience in aquatic entomology, fisheries, aquatic ecology, or other closely-related fields is preferred.

If you have questions about this position please contact:

Dave Michaelson by phone at 573-526-5014 or by email at dave.michaelson@dnr.mo.gov

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