

**Missouri Department of Natural Resources  
Environmental Services Program  
Water Quality Monitoring Section**

**Vacancy Notice**

**Environmental Specialist I/II/III (Position Number ESP0091)**

This position is in the Water Quality Monitoring Section's Aquatic Biological Assessment Unit located in Jefferson City, Missouri. The primary function of this unit is to perform water quality assessments of wadeable streams throughout Missouri by using aquatic macroinvertebrates and surface water chemistry samples. Individuals act in the role of project manager and are responsible for completing an average of two biological assessments (bioassessments) per year, including study design, sample collection and processing, and data analysis.

**Required Knowledge, Abilities, and Skills**

- 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 the exception that frequent overnight travel (2-3 nights/week) is required 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.

**Examples of Work Performed**

- Perform aquatic biological studies. Duties include:
  - Plan and organize field work;
  - Obtain and maintain equipment;
  - Collect physical, chemical, and biological samples;
  - Use of databases;
  - Analyze and interpret data;
  - Identify aquatic organisms using taxonomic keys and microscopes;
  - Prepare technical reports;
  - Communicate ideas and results with other aquatic resource professionals.
- Assist other biologists in biological criteria development.
- Investigate water quality problems such as oil or chemical spills to streams or rivers, fish kills, ground water contamination, point and non-point source pollution.
- Develop educational materials, participate in workshops, and train staff/others.
- Represent the Environmental Services Program on task forces, work groups, and in meetings.

**To Apply**

Minimum qualification requirements for the position of Environmental Specialist can be reviewed at <https://meritregisters.mo.gov/>.

Complete an online merit application for the Environmental Specialist register at <https://www.ease.mo.gov>. Actual posting of this position is expected to occur no later than March 30, 2018.

**Contact Information**

For information or questions about this specific position, contact **Dave Michaelson** at **573-526-5014**.