Vacancy Title: Environmental Engineer III

Position Number: 4120082

City: Jefferson City

Division/Program: Division of Environmental Quality / Water Protection Program

Semi-monthly salary: $2,384.17 - $2,746.00

Posting Period: May 10, 2019 – May 24, 2019

Contact Information: John Rustige (573) 751-7298 / John.Rustige@dnr.mo.gov

Job Description:

The Missouri Department of Natural Resources is seeking a professional engineer to review facility plans, plans and specifications for domestic wastewater infrastructure projects, and to conduct antidegradation reviews. This position is in the Water Protection Programs’ Engineering Section. The Section is responsible for ensuring wastewater treatment and collection system projects comply with state and federal laws and regulations when they are constructed.

Job Duties:

- Review and provide professional engineering comments related to the technical plans and specifications for domestic wastewater treatment projects and sewage collection systems. These reviews assure that infrastructure is built within acceptable engineering practice and is in compliance with the Missouri Department of Natural Resources’ Clean Water Regulations.
- Conduct Antidegradation reviews for new or expanded discharges and serve as the technical lead and/or professional engineer in this area. These reviews involve the evaluation of wastewater treatment technology alternatives and economics, which allow limited degradation while maintaining the highest water quality possible. This requires the evaluation of non-discharging options, including the feasibility of land application or drip irrigation systems and the feasibility of consolidation via connection with existing wastewater treatment facilities. Assure that the projects follow all applicable regulations, policies, and procedures.
Draft Operating Permits in accordance with U.S. Environmental Protection Agency and State rules and regulations to establish pollutant limits, monitoring frequencies, and other special conditions related to wastewater activities.

Draft water quality Antidegradation reviews, facility plan approvals, and construction permits that document the technical aspects and show that submittals related to the installation of new wastewater projects meet the regulatory minimum design standards.

Serve as the professional engineering for the Wastewater Engineering Unit and serve as the primary contact for engineering consulting firms and engineering professionals regarding the interpretation of regulatory requirements related to Antidegradation reviews and wastewater treatment design. Provide technical assistance to citizens, administrative personnel, legislators, local, state, and federal agencies and departments, lawyers, and private engineering consultants on laws, regulations, and technical policy interpretations.

This position requires that the applicant hold a professional engineering license to practice engineering in the State of Missouri.

**Qualifications:**

Three years of experience as an Environmental Engineer II in the Missouri Department of Natural Resources.

OR

Four years of professional experience in engineering; and graduation from a college or university with a Bachelor's degree in engineering, with the curriculum accredited by the Accreditation Board for Engineering and Technology, Inc. (ABET).

(A Master’s degree in environmental, sanitary, or chemical engineering may be substituted for two years of the experience. Other Master's degrees in engineering may be substituted for one year of the experience.)