



**Tennessee Department of Environment and Conservation  
TDEC Environmental Consultant 1 (Position 00105908)  
Division of Water Resources  
Annual Salary Range: \$49,092 - \$78,540**

**About the Tennessee Department of Environment and Conservation (TDEC)**

The Department exists to enhance the quality of life for citizens of Tennessee and to be stewards of our natural environment by:

- Protecting and promoting human health and safety
- Protecting and improving the quality of Tennessee's land, air, and water
- Conserving and promoting natural, cultural and historic resources
- Providing a variety of quality outdoor recreational experiences

TDEC has approximately 2,900 employees working across Tennessee supported by a total budget of more than \$300 million with funding from fees for services, state parks revenue, federal sources, and the state general fund. TDEC is the chief environmental and natural resource regulatory agency in Tennessee.

**About the Division of Water Resources**

The Division of Water Resources (DWR) is responsible for managing, protecting and enhancing the quality of the state's water resources through voluntary, regulatory and educational programs. The Division provides regulatory oversight for public drinking water systems and supplies; issues permits for discharges, alterations and activities protective of Tennessee's water resources; monitors and models the health of Tennessee's water resources; and provides outreach and education in and about Tennessee's watersheds.

**Summary of Position**

This Preferred Service position is stationed in the Central Field Office, Nashville, TN. The selected candidate will report to the Watershed Unit Manager for the Division of Water Resources. This position, in support of the Division of Water Resources, is primarily tasked with running dynamic water quality models in support of TMDLs and assimilative capacity studies. Engineer Intern or Professional Engineer is preferred.

### **Knowledge, Skills and Abilities**

The successful candidate for this position will have demonstrated experience and proficiency in the following skills:

- Setting up and executing dynamic water quality models
- Critically reviewing dynamic water quality models and reports from external stakeholders
- High comfort level working in a team work environment
- Excellent time management skills that allows for balancing multiple projects
- Ability to teach dynamic modeling skills to watershed unit staff
- Critical thinking through problem solving, independent judgment, and self-directed activities
- Future oriented with the ability to create competitive and breakthrough strategies and plans anticipating future consequences and trends
- Ability to write clearly and succinctly in a variety of communication settings and styles, to a varied audience
- Task oriented with the ability to break work down into the process steps developing schedules and anticipating and/or adjusting for problems and roadblocks
- Ability to measure performance against goals and evaluate results
- Dedicated to meet the expectations and requirements of internal and external customers while establishing and maintaining effective relationships with customers and demonstrating high integrity and good judgment

**Education and Experience:** Graduated from an accredited college or university with a bachelor's degree in environmental science, physical sciences (e.g. physics, chemistry, geology, meteorology), ecology, sustainability or applied science in sustainability, life sciences (e.g. biology, microbiology, health physics or biophysics), environmental health, pre-medicine, engineering or other acceptable science or natural resource related field and one year of full-time professional environmental program, natural resource conservation work or full-time professional work that involved ensuring compliance with radiation safety standards and/or regulations.

**Substitution of Education for Experience:** Graduate coursework in environmental science, biology, chemistry, geology, engineering, physics, ecology, sustainability, applied science in sustainability, or other acceptable science or natural resource related field may be substituted for the required experience, on a year-for-year basis, to a maximum of one year (24 semester hours or 36 quarter hours is equivalent to one year).

All interested candidates should submit applications via the Tennessee Department of Human Resources website at <https://www.tn.gov/hr/js1/employment-opportunities.html> and search under Current Openings for the position with the title, [TDEC-ENVIRONMENTAL CONSULTANT 1-166507](#). The position will remain posted until April 17, 2018. TDEC is an AA/EEO/ADA employer.