**State Title:** Functional Title: **Geographic Information Specialist II**

**Job Posting:** L20355

**Monthly Salary:** $3763.16

**Salary Group:** B20

**Posting Date:** 06/19/2020

**Close Date:** 07/03/2020

**Section/Division:** Non-Point Source Section/Water Quality Planning Division

**Work Location:** 12100 Park 35 Circle, Austin, TX 78753

**Openings:** One

**Position #(#s):** 4465

**Job Description:**

Performs geographic information system (GIS) work for the Nonpoint Source (NPS) program of the Water Quality Planning Division of the Texas Commission on Environmental Quality (TCEQ). Supports development of program maps, NPS webviewer, and management requests. Completes geospatial data collection and geospatial database development to ensure grant provisions of the federal Clean Water Act Section 319(h) are met. Evaluates quality of geospatial data received; participates in site visits of contractors; and assists in the planning, review, and development of Quality Assurance Project Plans (QAPPs). Reviews geospatial data for QAPPs, and develops geospatial QAPP templates for the NPS Program. Creates and modifies GIS maps for NPS Program publications, webpage, and stakeholder meetings. Maintains and updates interactive web viewer developed by the NPS Program. Digitizes and maintains GIS data including delineation of watershed geographic boundaries and maps project site locations. Validates GIS data for accuracy and completeness. Develops GIS procedures. Conducts geospatial analysis within watershed boundaries to evaluate distribution and/or presence of land use/land cover types, septic systems, and water quality improvements for the GIS Success Story tool. Maintains GIS files on external hard drive. Provides technical assistance regarding GIS, map development, watershed modeling, and database development for contractors and/or NPS staff developing Watershed Protection Plans. Reviews and evaluates watershed characterization and watershed modeling portions of NPS Watershed Protection Plans and associated deliverables. Conducts presentations at workshops, conferences, and participates in workgroups and stakeholder meetings, providing specific technical input regarding GIS and modeling for NPS Projects. Coordinates the input and manipulation of geographic information among staff within
the Nonpoint Source Program, to include summer interns. Provides GIS and database training for the NPS Team.

**Military Occupational Specialty (MOS) Codes:**
12A, 12X, 51S, 72D, EA, 50, 59, ENG10, 8831, 8834, 3E5X1, and 8E000.

**Minimum Qualifications:**
Graduation from an accredited four-year college or university with major course work in computer science, computer information systems, geography, geographic information system technology, management information systems, geology, physical science, environmental studies, or a related field (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION), plus two years experience in GIS systems analysis and design.

A graduate degree in one of the listed areas (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION) may substitute for one year of the required experience. One year of full-time experience in GIS systems analysis and design may substitute for each 30 semester hours of the required education.

OR A bachelor's degree with 12 semester hours in computer science from an accredited college or university (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION), plus three years of full-time experience in GIS systems analysis and design.

OR Completion of 30 semester hours from an accredited college in computer science or 600 clock hours from a licensed vocational, technical, or business school in computer science (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION), plus four years of full-time experience in GIS systems analysis and design.

**Special Requirements:**
Moving up to 10 pounds of files and presentation equipment.
Traveling up to 5% of the time.

**Condition of Employment:**
TCEQ will verify Selective Service registration for males born on or after January 1, 1960. If exempt from Selective Service registration selected candidate must provide proof of exemption on first day of employment. Offers of employment are contingent on the candidate having legal authorization to work for the TCEQ. TCEQ will conduct a criminal history records search on candidates selected for posted vacancies. Only applicants who are interviewed will receive written non-selection notification.

**To Apply:**
Email a State of Texas application to jobs@tceq.texas.gov; or mail to TCEQ Human Resources & Staff Services, P.O. Box 13087, MC-116 Austin, TX 78711-3087; or submit in person, at 12100 Park 35 Circle, Bldg. A, Austin, Texas 78753 by the close date. An electronically signed copy is acceptable.

In compliance with ADA, if you need any special accommodations during the employment process, please contact HRSS for assistance at (512) 239-0102.

Texas Commission on Environmental Quality is an Equal Opportunity Employer