

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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Austin, Texas 78711-3087
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State Title: Hydrologist I to Hydrologist III
Functional Title:
Job Posting: 16235
Monthly Salary: \$3081.33 - \$4598.66
Salary Group: B17 to B21
Posting Date: 04/26/2016
Close Date: 05/10/2016
Section/Division: Water Rights Permitting & Avail Section/ Water Availability Division
Work Location: 12100 Park 35 Circle, Austin, TX 78753
Openings: One(1)
Position #(s): 11052

Job Description:

Performs routine hydrological analyses for water availability modeling and performs routine GIS analyses related to water rights applications for the Texas Commission on Environmental Quality (TCEQ). Completes routine hydrological reviews of water rights applications using Water Availability Models (WAMs), hydrologic analysis, and statistical procedures in accordance with state statute and rules, policies, and guidelines. Develops Geographic Information System (GIS) data for water rights, water rights applications, and WAM maintenance/updates. Develops geo-spatial information on surface water data. Conducts searches, analysis, and prepares maps using GIS tools. Verifies developed GIS data between users. Participates in team discussions on GIS issues. Provides assistance in maintenance of TCEQ's geospatial surface water information for use in the processing of water rights applications. Provides support in developing GIS concepts and documentation for training purposes. Conducts database information searches and organizes and manipulates hydrologic data. Performs and/or participates in routine special projects such as routine WAM or GIS surface water information maintenance/updates, drought report, trouble shooting stream networks, reviewing modeling and GIS contract deliverables. Provides geospatial technical support to the inter-state compact coordinator on the five interstate compacts and to legal division. Creates maps for special projects. Communicates and interacts with agency staff regarding water rights, water availability modeling, and GIS. Attends meetings with the regulated community concerning statutes, rules, policies, GIS, and hydrological reviews. Responds to written correspondence through established procedures. Provides support and creates geospatial representations in the resolution of contested permit applications by preparing for and attending Commission agenda meetings, alternative dispute resolution, and public hearings before an Administrative Law Judge or the Commission. Attends public meetings. Participates in preparing response to public comment documents.

Military Occupational Specialty (MOS) Codes: 72D, 72, 51, OAR15, 646X, 6802, 8831, 003757, and 8825

Minimum Qualifications:

HYDROLOGIST I:

A bachelor's degree in hydrology, engineering, geology, mathematics, or natural or physical science from an accredited college or university (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION).

HYDROLOGIST II:

A bachelor's degree in hydrology, engineering, geology, mathematics, or natural or physical science from an accredited college or university (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION), plus two years of full-time experience performing hydrologic work of similar character, scope, and complexity in the areas listed in examples of work performed.

OR A master's degree in hydrology, engineering, geology, mathematics, or a natural or physical science from an accredited college or university (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION), plus one year of the full-time experience.

OR A doctorate in hydrology, engineering, geology, mathematics, or a natural or physical science from an accredited college or university (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION).

HYDROLOGIST III:

A bachelor's degree in hydrology, engineering, geology, mathematics, or natural or physical science from an accredited college or university (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION), plus four years of full-time experience performing hydrologic work of similar character, scope, and complexity in the areas listed in examples of work performed.

OR A master's degree in hydrology, engineering, geology, mathematics, or a natural or physical science from an accredited college or university (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION), plus three years of the full-time experience.

OR A doctorate in hydrology, engineering, geology, mathematics, or a natural or physical science from an accredited college or university (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION), plus two years of the full-time experience.

Preferred Requirements:

Experience using hydrologic models.

Experience working with water rights.

Experience working with hydrologic data.

Experience working with databases and Excel.

Experience using GIS.

Special Requirements:

Moving up to 15 pounds of equipment, samples.

Traveling up to 5% of the time.

The agency will review the applicant's driving history in connection with the use of a vehicle in the performance of the job.

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.

Submit a standard State of Texas application for **each job posting** to the Texas Commission on Environmental Quality, Human Resources & Staff Services (HRSS) office by 5:00 p.m. on the closing date. A signed faxed or emailed copy is acceptable. In compliance with ADA, if you need any special accommodations during the employment process, please contact HRSS for assistance.

Texas Commission on Environmental Quality is an Equal Opportunity Employer