



**Working title: Water Well Driller Hydrologist**

**Class title: Hydrologist II**

**Posting No.: 0601-26**

**Opening Date: 06/01/2026**

**Closing Date: Open Until Filled**

Location: North Campus, 1106 Clayton Ln., Austin, TX 78723

Class Code: 2460

FLSA: Admin-Exempt

Salary Group/Salary: B20, \$51,158.04 - \$66,255.00/yr.

Division: Compliance/Health and Wellness

Number of positions: 1

### **General Description**

Performs complex (journey-level) hydrological work related to water, monitor, closed loop geothermal, dewatering, and injection well drilling, water well pump installation, and abandoned wells. Also performs consultative administrative and technical work of multiple agency programs including the Water Well Drillers and Pump Installers (WWD) and Weather Modification (WXM) programs. Work involves reviewing and analyzing data and samples, preparing reports, plans, and calculations concerning groundwater protection measures, including well construction determinations related to water quality issues and aquifer identification; conducting compliance inspections and ecological or environmental impact studies related to groundwater protection and compliance assurance surveys; conducting groundwater surveys, investigative research, studies, and groundwater sample collection for compliance assurance; conducting field or laboratory tests; and analyzing data and evaluating results in regard to the impact on groundwater. May train others. Works under general supervision, with limited latitude for the use of initiative and independent judgment. Regular travel, up to 50%, is required. This position reports to the Health and Wellness Manager.

### **Essential Job Functions**

- Conducts compliance inspections and consumer complaint investigations with determinations, and studies to ensure compliance with applicable, statutes, rules and requirements to protect the quality of the State's groundwater and the integrity of atmospheric conditions for the safety and welfare of the public.
- Conducts scientific hydro-geological investigations to ensure accurate and appropriate information is available for use in consumer complaints, enforcement cases and in water resource management decisions.
- Studies and documents quantities, distribution, and development of groundwater resources related to well construction, well rehabilitation, groundwater production, groundwater protection measures, and abandoned well closures; including well construction determinations related to water quality issues and aquifer identification.
- Collects technical data and groundwater samples; performs sample analysis, analyzes the results and recommends courses of action for specific groundwater related issues.
- Researches and interprets statutes, rules, and policies, and provides technical assistance to the public, the department, regulated community and other interested groups and entities in the application of appropriate state statutes and regulations concerning groundwater protection, weather modification, licensing issues, and water well drilling and pump installation.
- Evaluates, summarizes, and documents inspection findings, manages the day-to-day activities and administration of projects and assignments; and prepares recommendations for administrative and technical compliance requirements.
- Conducts research and/or field studies of potential and actual groundwater contamination related to water, monitor, closed loop geothermal, injection, de-watering well drilling and water well pump installation, including down-hole camera surveys. Uses and maintains proper analysis equipment procedures on collected water samples.
- Educates the public and industry on well drilling, pump installation, weather modification and continuing education programs by representing the Department at industry association meetings, required continuing education programs, trade shows, conventions, public speaking engagements, and other forms of communication.
- Participates in and assists Compliance, General Counsel, and Enforcement staff in technical, mediation, and complaint resolution efforts; may provide testimony in Advisory Board meetings, Commission meetings, administrative hearings, and District Court; may participate in Attorney General cases and provide accurate testimony as needed.

- Assists in the administration of the Abandoned Well Notification Program, which includes compliance investigations, file maintenance, database updates, technical assistance, and correspondence.
- Processes and reviews applications for permits and licenses.
- Provides consultative services and technical assistance to plan, implement and monitor the Weather Modification Program.
- Updates and works in program-related databases as needed.
- Compiles, maintains, and submits specific and accurate data for Department reporting requirements.
- Complies with division and/or agency training requirements.
- Demonstrates a spirit of teamwork, offering positive and constructive ideas, encouragement and support to other members of the staff and team, while upholding the agency's core values.
- Keeps management appropriately informed of ongoing activity and critical matters affecting the operation and well-being of the agency.
- Adheres to all TDLR Personnel Policies and performs other duties as assigned.

### **Required and Preferred Qualifications**

- Graduation from a standard senior high school or GED equivalent is required.
- One (1) year of experience in hydrological work related to groundwater and subsurface surveys and investigations, water quality issues, and aquifer identification is required. (Graduation from an accredited four-year college or university with major course work in hydrology or related field may substitute for the one year experience requirement.)
- Willingness to work extra hours (evening, weekends, and holidays) is required.
- Willingness to travel up to 50% for job-related purposes is required. Use of personal vehicle for work-related travel is required in compliance with State and Agency travel rules and procedures.
- Must possess a valid driver's license, proof of auto liability insurance and an acceptable driving record from the Department of Public Safety.
- Bachelor's or advanced graduate degree from an accredited college or university with major course work in hydrology or related field is strongly preferred.
- Experience analyzing or interpreting federal, state, and local laws and rules; analyzing and implementing legislation and rule changes is preferred.
- Experience with hydrological principles, techniques, and procedures for groundwater protection is preferred.
- Experience in collecting and assessing hydrological data and in applying modeling and statistical procedures is preferred.
- Experience making presentations and/or giving testimony in meetings or hearings is preferred.
- Experience performing research and writing technical correspondence is preferred.
- Experience in Microsoft Office programs, specifically Word, Excel, Outlook, TEAMS, and PowerPoint is preferred.
- Experience representing an organization at meetings, conferences, conventions, seminars, boards, or committees is preferred.
- Experience investigating or inspecting weather modification and/or groundwater protection, water well drilling or pump installation is preferred.

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

- Knowledge of hydrological principles, techniques, and procedures related to groundwater protection; of mathematics and statistics; and of the practical application of hydrology, water quality and water management technologies.
- Skill in the operation of standard tools of the hydrological profession.
- Skill with personal computers, including MS Office and applicable software, and analytical programs.
- Skill in scientific data management, in collecting and assessing hydrological data, and in applying modeling and statistical procedures.
- Ability to plan, organize, and conduct compliance related assignments.
- Ability to conduct inspections, surveys, investigative research, and studies.
- Ability to analyze environmental samples; to apply hydrological concepts; and to prepare concise reports.
- Ability to make presentations and give testimony in meetings or hearings.
- Ability to understand and interpret policies and procedures clearly/accurately.
- Ability to establish and maintain effective working relationships.
- Ability to communicate effectively.
- Ability to train others.

### **Physical and Mental Requirements**

- Must be able to walk, sit, or stand for extended periods of time.
- Must be able to perform data entry, type, and operate standard office equipment and computer software.
- Must be able to climb stairs, stoop, bend, squat, crawl, and work in confined, cramped places.
- Must be able to twist upper body and reach overhead.
- Must be able to lift equipment and supplies weighing up to 25 lbs.
- Specific vision abilities required by this job include close vision and distance vision, with or without glasses or contacts.
- Ability to hear a forced whisper in the better ear at 5 ft., with or without a hearing aid.
- Ability to work in construction/industrial areas and outdoors in adverse weather conditions.
- Position may involve exposure to gas and noise.
- Position may involve exposure to dangerous machinery and/or electrical danger.

### **Military Occupational Specialty Codes:**

Veterans, Reservists, or Guardsmen with a MOS or additional duties or other related fields pertaining to the minimum experience requirements may meet the minimum qualifications for this position and are encouraged to apply.

Additional Military Crosswalk information can be accessed at:

[https://hr.sao.texas.gov/Compensation/MilitaryCrosswalk/MOSC\\_NaturalResources.pdf](https://hr.sao.texas.gov/Compensation/MilitaryCrosswalk/MOSC_NaturalResources.pdf)

### **HOW TO APPLY**

To apply for a position, you must submit your application, resumé, and TDLR agency required application questions either online through the Texas Workforce Commission's WORKinTEXAS.com website at <https://www.workintexas.com> or to TDLR via email at: [jobs@tdlr.texas.gov](mailto:jobs@tdlr.texas.gov) by the closing date stated on the job posting. For applications submitted via email, please list the job posting title and job posting number in the subject line. Applications submitted must be received the posting's closing date. When a job posting is listed as "Open Until Filled", it is best to apply as quickly as possible, as the posting may close or be placed on hold at any time with or without prior notification. Applications will NOT be accepted via mail, fax, or hand delivery. Incomplete applications may not be considered. If you desire an acknowledgement of the receipt of your application, you should apply via WorkInTexas and one should be auto generated by TWC. Only applicants interviewed will be notified of their selection or non-selection. All candidates recommended for IT, Lottery, and Bingo positions will be subject to an extensive criminal background investigation, including fingerprinting.

### **SELECTIVE SERVICE REGISTRATION**

In accordance with legislation effective September 1, 1999, male candidates aged 18 to 25 are required to show proof of selective service registration (or exemption) prior to an offer of employment. Such proof is not required to be filed with an application but must be provided upon request by the Human Resources office.

### **E-VERIFY**

This employer participates in E-Verify and will provide the Social Security Administration (SSA) and if necessary, the Department of Homeland Security (DHS), with information from each new employee's Form I-9 to confirm work authorization.

TDLR is not considering applications from individuals who require sponsorship for an employment visa, including those currently on student or post-graduate visas. All candidates must be approved to work in the United States by E-Verify and must present the needed documentation upon request.

### **TDLR IS AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER**

*In compliance with the Americans with Disabilities Act (ADA), TDLR will provide reasonable accommodation. If you are scheduled for an interview and require reasonable accommodation in the interview process, please inform the hiring representative who calls you to schedule your interview. Whenever possible, please give the hiring representative sufficient time to consider and respond to your request.*