



Job title: Hydrologist II
Water Well Driller Hydrologist

Posting: 1007-24

Opening Date: October 13, 2023

Closing Date: Until filled

PO BOX 12157, Austin, TX 78711

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

Yearly Salary: B20- \$49,800- \$57,000

Division: Compliance

Remote Work: Hybrid

Job Description

The Water Well Driller (WWD) Hydrologist is selected by and responsible to the Compliance Section Manager and performs complex hydrological work related to water, monitor, closed loop geothermal, dewatering, and injection well drilling, water well pump installation, and abandoned wells, The WWD Hydrologist 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. Work is performed under general supervision, with limited latitude for the use of initiative and independent judgment. Regular travel, up to 50%, will be required.

Essential Duties

- 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.

Minimum Requirements

One (1) year of experience in hydrological work related to groundwater and subsurface surveys and investigations, water quality issues and aquifer identification. Bachelor's or advanced degree from an accredited college or university with major course work in hydrology or related field is strongly preferred and may substitute for the one (1) year of experience requirement. Must possess a valid class C driver's license, proof of auto liability insurance and an acceptable driving record from the Department of Public Safety.

Military Occupation Specialty Code:

Navy AG, Marines 6482, Air Force 15WX, Coast Guard OAR15

Remarks

The successful candidate will have: 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 and computers, 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; to conduct inspections, surveys, investigative research, and studies; to analyze environmental samples; to apply hydrological concepts; to prepare concise reports; Ability to understand and interpret policies and procedures clearly/accurately; to establish and maintain effective working relationships; to communicate effectively; and to train others.

How to Apply

Applicants may be downloaded through TDLR's website <https://www.tdlr.texas.gov/employ.htm>. Only Email or fax applications accepted. Email human.resources@tdlr.texas.gov or fax 512.475.3377. Incomplete applications will not be considered. A resume in lieu of application will be rejected. Additionally, an application with "see resume" within the summary of experience is considered incomplete and will be rejected. Submit a copy of degree if in lieu of experience/skills requirement. To receive Military Employment Preference for any position, submit a copy of the DD214 or DD1300 with application. **Only interviewed applicants will receive notice of the final disposition of the selection process.**

This job is not covered by the Fair Labor Standards Act (FLSA).

AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

TDLR provides a total compensation package that enables us to attract, motivate, and retain highly skilled and talented employees, including a merit system, full use of salary ranges, performance awards, retention and recruitment bonuses. TDLR 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.

In compliance with the Americans with Disabilities Act (ADA), TDLR will provide reasonable accommodation during the hiring and selection process for individuals with a disability. If you need assistance completing the application, contact TDLR Human Resources at 512-463-7184. If you are contacted for an interview and need accommodation