

WELL STANDARDS REPRESENTATIVE

KIND OF WORK

Advanced professional work in construction, maintenance, and sealing of wells and borings.

NATURE AND PURPOSE

Under limited supervision, evaluates the construction, maintenance, and ultimate sealing of wells and borings, interprets regulations, reviews license applications and evaluates work experience, administers and scores license examinations, evaluates and recommends on variance requests, conducts advanced investigations, serves as expert witness in litigation, provides technical assistance to contractors, regulatory officials, consultants, and the public, provides training to licensed professionals in the well/boring and real estate industries, trains and evaluates performance of local well inspectors, participates in the preparation and dissemination of educational materials, and provides public education.

Beyond the duties of evaluating regulated activities for compliance with statutes and rules, this classification provides advanced technical expertise in evaluating and approving compliance alternatives, solving difficult technical problems, evaluating new equipment, materials, and methods, and providing training at all levels of need.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Monitors consistency with statutory or rule changes to assure the quality of the examination process by reviewing and contributing updates to license examinations; administering and scoring license applications; reviewing test results with applicants; reviewing license applications and evaluating applicant work experience. **[Licensing]**

Assures compliance with state statutes and rules by inspecting well construction, boring construction, pump installations, sealing of wells and borings; preparing written documentation of inspections; consultation with licensed contractors on acceptable alternatives to achieving compliance; inspections pursuant to variance requests; reporting to supervisor on alternatives to, or the approval/denial of, variance requests; responding to complaints; consulting with the principal parties; and preparing reports and correspondence as needed. **[Compliance Surveillance]**

Investigates violations to enforce state statutes and rules by contacting principal parties, and reviewing previous history of violations to establish all relevant facts; preparing initial violation letters, using standardized procedures; preparing draft violation letters for supervisory approval on nonroutine violations; consulting with principal parties on acceptable alternatives for compliance and/or negotiating timeframes for completing necessary work; inspecting corrective work; initiating referrals of selected cases to Unit Enforcement Coordinator for escalated enforcement; and serving as an expert witness in litigated cases. **[Enforcement]**

Provides technical assistance on questions relating to well or boring construction, maintenance, or sealing by responding to inquiries from contractors, consultants, and well owners; initiating discussions of technical issues when problems are observed; consulting with supervisory and other technical staff on acceptability of new products or technology; and providing technical expertise on difficult technical problems such as caving formations, uncontrolled flowing wells, difficult pump removals, and well sealing problems. **[Technical Assistance]**

Educates and trains professionals to assure proper understanding of applicable statutes and rules, and to ensure competency and program consistency by working one-on-one with members of the regulated community; participating in the development, revision, and distribution of department manuals, publications, newsletters, and guidance memoranda directed at the regulated community, department staff, and local delegated programs; participating in training programs and conferences; conducting evaluations of local program well inspectors; and providing training to newly hired field staff. **[Education/Training to Professionals]**

Informs and educates the public to assure understanding of proper well construction by responding to inquiries from the general public and well owners about well construction or sealing, water quality, and requirements at the time of property transfer; participating in the development, revision and distribution of brochures or other written materials pertaining to wells; and by participating in educational seminars, local events such as fairs and festivals, and other public forums. **[Public Information/Education]**

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Typical and atypical well construction techniques, including rota-sonic, dual-tube, angle drilling, coring, hydrofracturing, and environmental drilling techniques.

Well development, completion, and sealing methodologies.

Problem-solving techniques for use with uncontrolled flowing wells, contaminated wells, groundwater remediation procedures, atypical grouting situations, and well sealing procedures involving casing perforation or explosives.

Operating principles of well and pump components and procedures.

Geologic, hydrogeologic, and water quality principles.

Applicable statutes, rules, and department policies pertaining to the location, construction, maintenance, and sealing of wells and borings.

Well contractor licensing requirements.

Administrative procedures, including those pertaining to licensing, variance and permit processing, plan review, and enforcement.

Ability to:

Determine compliance with a broad array of statute and rule requirements, and independently identify a range of acceptable compliance alternatives.

Ascertain the acceptability of new products and technologies.

Evaluate variance conditions and determine the conditions which places a variance situation in closest compartment with the requirements of statute and rule.

Apply knowledge of geologic and hydrogeologic principles to determine outcomes associated with the least risk to public health or the environment.

Communicate effectively with the industry professionals, regulatory staff, well owners, and the general public, both verbally and in writing.

Est.: 3/96

Rev.:

T.C.:

Former Title(s):