

Geology Specialist

Job Code
8506C3

Job Title
Geology Specialist

Pay Grade
29

CONCEPT:

The primary duty requires knowledge in geology, environmental geology, hydrogeology and/or groundwater pollution investigations. May compile and interpret information from geologic source documents and laboratory test results, drill logs, and other field studies and prepare preliminary technical reports of findings and recommendations under the guidance of a Professional Geologist. Employees in this class follow State and Federal laws, rules, and regulations, agency policies and procedures, and reference materials related to the general field or a specific area of geology, ensuring that project activities are consistent with those directives.

TASKS:

- Conducts geologic reviews and field investigations
- Reviews work plans, specifications and proposals for groundwater monitoring programs or remedial action projects related to industrial facilities, agricultural facilities, storage tanks sites, oil field waste management facilities, landfills, emergency response actions for oil/brine and hazardous substance releases and spills, solid and hazardous wastes, underground storage, and mining; and provides quality assurance compliance by analyzing and evaluating field sampling data.
- Assists in preparing geologic maps and cross sections, reports and statistics of findings, recommendations and publishing information.
- Inspects work performed by outside agencies and contractors to ensure proper application and compliance with applicable laws, rules, and regulations.
- Examines agency projects for the detection and identification of hazardous waste.
- Prepares and reviews hydrogeologic studies of subsurface formations to recommend surface pipe setting depths, cementing and routine plugging procedures, and construction and abandonment procedures in environmentally sensitive areas.
- Reviews' operating permits for completeness and adherence to technical requirements; prepares technical reports for remedial and corrective action projects.
- Meets with industry, consultants and agency staff to discuss regulations and actions.
- Acts as field geologist on projects including logging test drilling, designing and constructing monitoring points, designing and implementing aquifer tests, witnessing various production and integrity testing of wells, sampling, documenting field activities and directing field teams.
- Compiles and interprets information from geologic source documents and laboratory test results, drill logs, and other field studies.
- Directs and participates in all activities of engineering a geological survey for design, construction, maintenance and remediation projects; including detailed subsurface investigations, and preparation of maps; plan profiles, cross-sections and complex geotechnical reports.
- Examines aerial photographs, researches available data, and measures geologic sections; assists in the preparation of geologic maps and profiles geotechnical reports.

LEVELS OF WORK

- Class Group consists of one class

Minimum Requirements:

Four years direct experience in geology/hydrogeology/earth science/geoscience.

Necessary Special Requirements:

Some positions in the class may require a certificate to practice as an intern geologist in the State of Kansas within two years of appointment. Some positions may require working towards obtaining a professional geologist license as recognized by the Kansas Board of Technical Professions to pursue licensure as a geologist

NC: 9/15

REV: 11/22

REV: 6/24

REV: 7/25