

ENVIRONMENTAL RESOURCES ANALYST**Nature of Work**

Under administrative direction performs professional work at the expert level in a team environment using complex scientific principles in researching technical issues relative to physical, chemical and biological parameters which may include, but are not limited to, the following environmental areas: air quality, land restoration, mining and reclamation, water quality and waste management. Predominant duties involve at least one of the following functions: gathering and development of information and data to be utilized in developing new or modified environmental quality standards; developing policy and procedures for implementation of new federal or state initiatives necessary for protection of the area of concern; or executing high priority projects at the programmatic level in order to fulfill the department's mission. Employee will work in conjunction with boards on task groups and make presentations relative to research work performed. This classification is distinguished by the expert level of work in a specialized role of considerable difficulty involving responsibility for researching multiple complex issues. Typically, incumbents in this classification do not act as supervisors. Performs related work as required.

Examples of Work

Serves as a technical expert in a specific profession and as a resource to agency leadership in the area of expertise.

Conducts research on critical matters which may require statutory or regulatory policy modifications. Prepares reports and advises management on findings and recommendations.

Develops internal program policies and procedures and establishes strategic standards, goals and objectives for incorporation in the agency's strategic plan.

Develops new Department of Environmental Protection rules, as required.

Performs research, analyzes, and summarizes data to make specific recommendations.

Conducts special projects at management's request; prepares and presents reports.

Keeps abreast of trends and developments in assigned programs and those in other states; provides recommendations for adapting new methods and techniques when desirable; and recommends solutions to problems.

Attends legislative, public, and advocacy group hearings; presents information for discussion and/or decision-making purposes.

Serves on state or interstate agency committees or represents agency in other organized groups in developing new technical standards, rules, guidance and procedures.

Coordinates with local, state, and federal agencies on specific projects.

Provides training to employees in statutes, rules, guidelines and technical procedures.

Advises higher level management on problems and policies related to environmental standards (programmatic and operational issues).

Knowledge, Skills and Abilities

Knowledge of the department's mission, programs and objectives.

Knowledge of the department's organizational structure.

Knowledge of environmental laws and regulations.

Skill in oral and written communications and public speaking.

Ability to collect, evaluate, analyze and interpret scientific or technical data.

Ability to establish and maintain effective working relationships with others.

Ability to conduct fact finding research and organize data into logical format for presentation in reports, documents and other written materials.

Minimum Qualifications

Training: Bachelor's degree from an accredited four-year college or university with a major in chemistry, physics, geography, geology, biology, engineering, environmental studies, or natural science.

Substitution: Associate's degree in the required fields above with a bachelor's degree in an unrelated field may substitute for the specified Bachelor's degree above.

Experience: Six years of full-time or equivalent part-time paid professional experience in the acquisition, preservation, protection and enhancement of environmental resources, or in environmental protection, or in an agency specific area related to environmental impact.

Substitution: Master's degree from an accredited four-year college or university with a major in chemistry, physics, geography, geology, biology, engineering, environmental studies, or natural science may be substituted for one year of the required experience.

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