

 <p>STATE OF INDIANA CLASSIFICATION SPECIFICATION</p>	Class Title: Environmental Engineer 3		Class Code: 001DO3
	FLSA Status: Exempt	Salary Schedule: RDS	Effective Date: 10-17-14
	Summary: Incumbent works at an entry level as an environmental health engineer to achieve compliance with the enforcement of state and federal laws, regulations and standards in various environmental programs.		

Duties:

- Conducts inspections, surveys and investigations of pollution and radiation sources and facilities;
- Prepares technical reports of inspections, surveys and investigations, documents findings and makes recommendations for action, including some licensure and certification;
- Provides consultation services to manufactures, services areas, local health organizations and communities utilizing the collected data;
- Provides expert testimony for administrative hearings and court actions when necessary;
- Develops plans for implementing and promoting programs and/or updating state laws and regulations;
- Investigates hazardous events affecting the environment or the health of the public;
- Interprets state and federal laws and regulations governing environmental sanitation conditions utilizing written communications, mass media, public speaking, public information materials and research data;
- Makes recommendations concerning utilization of state grant monies;
- Cooperates with federal, state, and local environmental and health agencies and the general public in enforcement of activities;
- Collects samples of air, water and/or industrial wastes for laboratory analysis;
- Performs related duties as required.

Job Requirements:

- Extensive knowledge of, and ability to apply, federal, state, and local laws and regulations relating to one or more program areas such as air and water pollution and solid waste and hazardous waste disposal;
- Thorough knowledge of environmental health sciences, public and environmental health, sanitation and safety engineering, and mathematics;
- Thorough knowledge of environmental protection principles and practices including such systems as industrial waste control, water and sewage treatment, air, land and water pollution;
- Ability to conduct surveys, inspections and investigations of facilities, including conducting appropriate tests and analyzing findings;
- Ability to collect and analyze data and prepare reports and technical documents for administrative and regulatory action;
- Effectively communicate, both orally and in writing, with individuals and in group situations;
- Ability to review plans or specifications and suggest alternatives based on cost analysis and environmental assessment;
- Ability to conduct special surveillance of hazardous situations and recommend appropriate action.

Difficulty of Work:

Incumbent utilizes a variety of existing technical data including safety and sanitation engineering principles, laws, regulations and technical procedures. Incumbent must adapt to continually changing directives from federal and state agencies, boards and commissions to assist in designing workable and acceptable programs. Incumbent analyzes and applies technical data under conditions in which multiple variables exist and where situations are frequently new and require innovative interpretation or action.

Responsibility:

Incumbent works independently following general instructions concerning purpose and desired results. Work is reviewed upon completion by the supervisor and higher level managers for soundness of judgment and conclusions, technical accuracy and conformance with practice and policy. The incumbent in this position is required to observe, analyze and evaluate public and environmental conditions. Incumbent makes decisions as to adequacy, compliance and suggests recommendations for action.

Personal Work Relationships:

Incumbent works with a variety of individuals and groups to implement the programs and policies of the agency. Incumbent must frequently persuade governmental units or agencies to improve operating or maintenance procedures.