

 <p>STATE OF INDIANA CLASSIFICATION SPECIFICATION</p>	Class Title: Environmental Engineer 2		Class Code: 001DO2
	FLSA Status: Exempt	Salary Schedule: RDS	Effective Date: 10/17/14
	Summary: Incumbent serves as environmental engineer to achieve compliance with, and enforcement of, state and federal laws, regulations and standards in various environmental programs.		

Duties:

- Reviews and recommends approval or denial of plans and specifications of facilities and conducts on site inspections;
- Conducts surveys, special problems investigations and inspections to collect data, prepare reports for administrative and/or regulatory action and may testify at hearings and in court;
- Collects samples for laboratory analysis;
- Consults with representatives from other states, federal government, consulting engineers, university staff, agency staff and others to determine agency approach to new solid and hazardous waste problems;
- Develops plans for promoting programs;
- Cooperates with federal, state and local environmental and health agencies and the general public in enforcement activities and for educational purposes;
- Assists in training transporters and treatment, storage and disposal facility operators;
- Consults and interprets rules and regulations to local health departments and community;
- Involved with municipalities in development of safe environmental programs;
- Performs related duties as required.

Job Requirements:

- Thorough knowledge of, and ability to apply, federal, state and local laws and regulations pertaining to the environment and the protection of the public's health and safety;
- Working knowledge of the sciences including chemistry, environmental sanitation, sanitary engineering, structural design, mathematics, safety engineering and physics;
- Working knowledge of the principals and practices of industrial waste control and solid waste management;
- Ability to conduct surveys, inspections and investigations and prepare reports for use as evidence and basis for recommendations for action;
- Ability to review plans and specifications for treatment and control systems with emphasis on identification of adverse environmental impacts and to recommend more environmentally sound alternatives;
- Effectively communicate, both orally and in writing, with various governmental levels and with the general public.

Difficulty of Work:

The incumbent is required to observe, analyze and evaluate environmental conditions, making decisions as to adequacy and compliance and suggest recommendations for action following generally accepted policy. These functions demand the ability to analyze and apply technical and legal knowledge under conditions in which multiple variables must be considered. Work is non-routine and requires extensive judgment in working to interpret environmental health laws. Incumbent provides assistance in major program modifications and develops procedures, policies and regulations for new programs based upon guidelines provided by the federal government and agency policies.

Responsibility:

General goals are established by supervisor; however, incumbent must determine course of action and initiate a response toward the goal. Supervisor reviews work for overall compliance with agency policies and procedures. The incumbent's recommendations are instrumental in shaping the direction and effectiveness of environmental programs.

Personal Work Relationships:

Incumbent works as a consultant with a variety of individuals, groups including representatives of community, public facilities and agencies, federal, state and local government units and owners of private businesses who serve the public to interpret and gain support of laws and regulations and to implement the programs and policies of the agency.