

 <p>STATE OF INDIANA CLASSIFICATION SPECIFICATION</p>	Class Title: Construction Technologist		Class Code: 001DP3
	FLSA Status: Non-Exempt	Salary Schedule: PAT 3	Effective Date: 6-27-13
	Summary: The incumbent works in the Department of Natural Resources (DNR) and serves as a dam and levee inspector within the department's statutory jurisdiction.		

Duties:

- Schedules site visits/inspections with the dam/levee owners;
- Makes visual technical inspections of dams and levees within DNR's criteria and policy;
- Prepares inspection reports, reviews results with owners and submits billing data;
- Makes recommendations in inspection, report, memo and letter formats;
- Responds to emergencies and other non-routine field events as directed;
- Attends meetings and answers inquiries from the public;
- Provides technical support to office staff as necessary;
- Develops documents and provides expert testimony for legal matters as needed;
- Stays current with rapidly changing field of dam safety;
- May serve as an expert witness in legal proceedings;
- Performs related duties as required.

Job Requirements:

- Knowledge and skill typically acquired through an Associate's degree in technology plus three years of related work experience or comparable work experience of five years may substitute for an Associate's degree;
- Ability to operate a four wheel drive motor vehicle and to maintain an Indiana Driver's License;
- Related work experience should include technical review of plans/documentation, field reconnaissance and embankment construction inspection;
- Knowledge of computers, Microsoft office and databases;
- General knowledge of civil engineering practices;
- Specialized knowledge in using field equipment such as hand level digital cameras and GPS;
- General knowledge of Indiana laws pertaining to dam and levee safety;
- Ability to deal with hostile dam and levee owners;
- Ability to work outside under extreme weather conditions;
- Ability to establish and maintain professional working relationships with associates, consultants, governmental representatives and the general public;
- Ability to express ideas orally and in writing, including technical writing.

Difficulty of Work:

Incumbent works independently in the field using extensive judgment and experience in selecting procedures and techniques to resolve the variety of situations encountered. Work is broad in scope involving dam site analysis which possesses varying degrees of intricacy depending upon the location and type of the assigned survey project. Each survey requires the simultaneous carrying out and coordination of a variety of operations.

Responsibility:

Work requires independent decisions and recommendations based on state laws, regulations, rules and procedures. Incumbent follows general work instructions and uses judgment in selecting applicable regulations and policies for individual cases or problems. Work is reviewed upon completion.

Personal Work Relationships:

The work relationships are broad in scope and include contracts with individuals such as dam owners, representatives of federal, state and local agencies and organizations, local government and the general public. These contacts are for the purpose of giving information for problem solving and soliciting cooperation.

Working Conditions:

Much of the work will be indoors but some will consist of working outdoors in a variety of weather conditions.