

 <p>STATE OF INDIANA CLASSIFICATION SPECIFICATION</p>	Class Title: Hydraulic Engineer 3		Class Code: 001DD3
	FLSA Status: Exempt	Salary Schedule: RDS	Effective Date: 10-25-13
	Summary: Incumbent serves at the entry level under a senior hydraulic engineer in the Department of Natural Resources (DNR). Incumbent carries out specific technical assignments in a support function with the general public.		

Duties:

- Reviews and analyzes various technical data in assigned projects making recommendations in providing solutions;
- Compiles and analyzes various hydraulic data, such as U.S. Geological Survey data and past flood data;
- Analyzes hydraulic problems relative to assigned projects;
- Reviews construction and planning involving water resources making field inspections, as needed;
- Performs related duties as required.

Job Requirements:

- Specialized knowledge of hydrology, hydraulics and hydraulic engineering;
- Working knowledge of statistics as they apply to hydrology and assigned area;
- General knowledge of laws and regulations relative to the area;
- General knowledge of construction as it relates to hydrology and surveying;
- Ability to comprehend and complete hydraulic computation, reports and plans.

Difficulty of Work:

Incumbent follows generally accepted technical guidelines of hydrology and hydraulic engineering and section objectives. Work is restricted to assigned area. Judgment is needed in applying guidelines to several substantially intricate variables, such as type of construction and applicable hydraulic data.

Responsibility:

Incumbent makes decisions as to applicable technical information and procedures in completing assigned projects. Working independently, incumbent makes recommendations to higher-level engineers on possible solutions to problems. Deviations from guidelines are referred to supervisor. Work is reviewed for general technical adequacy and soundness of judgment.

Personal Work Relationships:

Incumbent is in contact with other staff members, other governmental agency staff and the general public in rendering a technical service.

Working Conditions:

Incumbent spends a majority of time in an office environment with minimal physical exertion. Occasionally, incumbent must work outdoors (e.g. field inspections).