



ENVIRONMEN SCIENTIST & SPEC, INCL HLTH

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Req No: 37950208-51309999-20050805165547

Agency Name: DEP - Environmental Protection

Description:

OCCUPATION PROFILE

Working Title:	OPS ENVIRONMENTAL SPECIALIST I	
Broadband/Class Level:	ENVIRONMEN SCIENTIST & SPEC, INCL HLTH	
	- Level 1	
Broadband/Class Code:	19-2041-01	Pay Grade/Pay Band: BB005
Position Number:	37950208	Closing Date: 11/16/2005
Location:	TALLAHASSEE	County: Leon County
Annual Salary Range:	\$29,433.04-73,582.34	
Announcement Type:	Open Competitive	
Facility:	Twin Towers Building	

DESCRIPTION:

OCCUPATION PROFILE

JOB FAMILY: LIFE, PHYSICAL AND SOCIAL SCIENCE

OCCUPATIONAL GROUP: LIFE AND PHYSICAL SCIENCE

OCCUPATION: ENVIRONMENTAL SCIENTISTS AND SPECIALISTS, INCLUDING HEALTH

19-2041

Major Responsibilities: Assists with team-oriented studies of surface water quality, including the design and implementation of projects involving sample collection, data analysis, technical reporting, mathematical modeling, the use of GIS applications and statistical programs. Specific projects might include the development of Total Maximum Daily Loads (TMDLs), water quality based effluent limitations (WQBELs), bioassessments, analysis of point source and nonpoint source impacts, and studies involving various aspects of surface water quality regulation.

Associated Responsibilities: Potentially strenuous fieldwork involving the operation of water quality monitoring equipment meters and boats. Use of various databases for storing, retrieving, interpreting and reporting analytical data and regulatory information. Providing technical assistance to other staff. Potential overnight group travels for fieldwork and meetings.

Minimum Qualifications: Possession of an undergraduate degree in the natural sciences or equivalent experience and education, strong organizational, writing, data management and computer skills, boating experience and an ability to conduct field work.

Preferred Qualifications: Graduate degree in the natural sciences with emphasis upon surface water quality or bioassessment, or equivalent work experience.

Uses scientific instruments and equipment to gather and analyze technical data.

Uses terminology, principles and analytical techniques of radiation, nuclear and health physics.

Prepares and delivers training.

EXAMPLES OF JOB CHARACTERISTICS

Analyzing Data or Information	Identifying underlying principles, reasons, or facts by breaking down information or data into separate parts.
Getting Information Needed to do the Job	Observing, receiving, and otherwise obtaining information from all relevant sources.
Processing Information	Compiling, coding, categorizing, calculating, tabulating, auditing, verifying, or processing information or data.
Identifying Objects, Actions, and Events	Identifying information received by making estimates or categorizations, recognizing differences or similarities, or sensing changes in circumstances or events.
Monitor Processes, Material, Surroundings	Monitoring and reviewing information from materials, events, or the environment, often to detect problems or to find out when things are finished.
Interpreting Meaning of Information to Others	Translating or explaining what information means and how it can be understood or used to support responses or feedback to others.
Making Decisions and Solving Problems	Combining, evaluating, and reasoning with information and data to make decisions and solve problems. These processes involve making decisions about the relative importance of information and choosing the best solution.
Estimating Needed Characteristics	Estimating the Characteristics of Materials, Products, Events, or Information: Estimating sizes, distances, and quantities, or determining time, costs, resources, or materials needed to perform a work activity.
Interacting With Computers	Controlling computer functions by using programs, setting up functions, writing software, or otherwise communicating with computer systems.
Updating and Using Job -Relevant Knowledge	Keeping up-to-date technically and knowing one's own jobs' and related jobs functions.

EXAMPLES OF KNOWLEDGE, SKILLS AND ABILITIES

Reading Comprehension	Understanding written sentences and paragraphs in work related documents
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Mathematics	Using mathematics to solve problems
Science	Using scientific methods to solve problems
Active Learning	Working with new material or information to grasp its implications
Information Gathering	Knowing how to find information and identifying essential information
Idea Generation	Generating a number of different approaches to problems
Idea Evaluation	Evaluating the likely success of an idea in relation to the demands of the situation
Information Organization	Finding ways to structure or classify multiple pieces of information
Problem Identification	Identifying the nature of problems
Writing	Communicating effectively with others in writing as indicated by the needs of the audience
Critical Thinking	Using logic and analysis to identify the strengths and weaknesses of different approaches
Speaking	Talking to others to effectively convey information
Equipment Selection	Determining the kind of tools and equipment needed to do a job
Computer	Knowledge of computer software including applications
Mathematics	Knowledge of numbers, their operations, and interrelationships including one or more of the following: arithmetic, algebra, geometry, calculus, statistics, and their applications
Biology	Knowledge of plant and animal living tissue, cells, organisms, and entities, including their functions, interdependencies, and interactions with each other and the environment
Chemistry	Knowledge of the composition, structure, and properties of substances and of the chemical processes and transformations that they undergo. This includes uses of chemicals and their interactions, danger signs, production techniques, and disposal methods
Physics	Knowledge and prediction of physical principles, laws, and applications including air, water, material dynamics, light, atomic principles, heat, electric theory, earth formations, and meteorological and related natural phenomena

LICENSURE, CERTIFICATION, OR REGISTRATION REQUIREMENTS
EFFECTIVE 7/01/02

Requirements:

Closest Major City Tallahassee
Occupation ENVIRONMEN SCIENTIST & SPEC, INCL HLTH
Education Bachelors (or equivalent work experience)
Job Type Full Time
Region/County Leon County
Years of Experience 0-1 year
Percent of Travel 1-25%

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