

POSITION DESCRIPTION <i>(Please Read Instructions on the Back)</i>							1. Agency Position No. S0229			
2. Reasons for Submission ↑Redescription New		3. Service Hdqtrs xField		4. Employing Office Location Reston, VA		5. Duty Station		6. OPM Certification No.		
↑Reestablishment ↑Other Explanation <i>(Show any positions replaced)</i>			7. Fair Labor Standards Act Exempt x Nonexempt		8. Financial Statement Required ↑Executive Personnel ↑Employment & Financial Disclosure ↑Financial Interest		9. Subject to IA Action X Yes No			
			10. Position Status Competitive X Excepted ↑SES (Gen.) ↑SES (CR)		11. Position is Supervisory Managerial X Neither		12. Sensitivity ☒ 1-Non-Sensitive ↑3-Critical ↑2-Noncritical Sensitive ↑4-Special Sensitive		13. Competitive Level Code	
			14. Agency Use							
15. Classified/Graded by		Official Title of Position			Pay Plan		Occupational Code	Grade	Initial	Date
a. Office of Personnel Management										
b. Department, Agency or Establishment										
c. Second Level Review		Student Trainee (Hydrology)			GS		1399	07	L.P.	01/01/2002
d. First Level Review										
e. Recommended by Supervisor or Initiating Office										
16. Organizational Title of Position <i>(if different from official title)</i>					17. Name of Employee <i>(if vacant, specify)</i>					
18. Department, Agency, or Establishment U.S. Department of the Interior					c. Third Subdivision					
a. First Subdivision U.S. Geological Survey					d. Fourth Subdivision					
b. Second Subdivision					e. Fifth Subdivision					
19. Employee Review-This is an accurate description of the major duties and responsibilities of my position.					Signature of Employee <i>(optional)</i>					
20. Supervisory Certification. <i>I certify that this is an accurate statement of the major duties and responsibilities of this position and its organizational relationships, and that the position is necessary to carry out our Government functions for which I am responsible. This certification is made with the knowledge that this information is to be used for statutory</i>					<i>purposes relating to appointment and payment of public funds, and that false or misleading statements may constitute violations of such statutes or their implementing regulations.</i>					
a. Typed Name and Title of Immediate Supervisor					b. Typed Name and Title of Higher-Level Supervisor or Manager <i>(optional)</i>					
Signature _____ Date _____					Signature _____ Date _____					
21. Classification/Job Grading Certification. <i>I certify that this position has been classified/graded as required by Title 5, U.S. Code, in conformance with standards published by the U.S. Office of Personnel Management or, if no published standards apply directly, consistently with the most applicable published standards.</i>					22. Position Classification Standards Used in Classifying/Grading Position GS1300P,JFS for Prof Phys Sci Work					
Typed Name and Title of Official Taking Action Lorilee Penn Human Resources Specialist					Information for Employees. The standards, and information on their application, are available in the personnel office. The classification of the position may be reviewed and corrected by the agency or the U.S. Office of Personnel Management. Information on classification/job grading appeals, and complaints on exemption from FLSA, is available from the personnel office or the U.S. Office of Personnel Management.					
Signature _____ Date _____ Lorilee Penn /s/ 01/01/2002										
23. Position Review		Initials	Date	Initials	Date	Initials	Date	Initials	Date	
a. Employee <i>(Optional)</i>										
b. Supervisor										
c. Classifier		CS	8/20/13							
24. Remarks Changed SCEP to Pathways										
25. Description of Major Duties and Responsibilities <i>(See Attached)</i>										

1399, Student Trainee (Hydrology), GS-07

PD Tracking Number 0000016

Standard PD S0229

Introduction

The incumbent of this position serves as a student trainee under the Pathways Internship Program. This program is designed to provide the student with paid work experience and orient them to the mission of the U.S. Geological Survey and the benefits and conditions of a Federal career. It provides formal periods of work and study while the student is enrolled in school, the conditions of which are outlined in the Working Agreement that must be signed by the student, and the employing Office.

Major Duties

As an advanced level trainee Hydrologist, the incumbent is assigned duties and provided training that contribute to the continuing professional development in the area of Hydrology and other related sciences. Typical assignments may include:

Assists higher level hydrologists in conducting hydrologic studies by collecting hydrologic data in the field, recording, analyzing, and interpreting hydrologic data, researching records, and compiling statistical data, and preparing and editing portions of the hydrologic report.

Collects hydrologic data using a variety of methods and equipment, such as:

- Measures the discharge of streams having a variety of depth and flow conditions;
- Collects and analyzes geologic samples to delineate and correlate aquifer systems and describe water-bearing characteristics;
- Measures water levels in observation wells, collects pumpage records and other geohydrologic data; and,
- Collects water samples for the analysis of sediment concentration or chemical quality.

Writes portions of interpretive reports of hydrologic studies and prepares hydrologic information in the form of maps, charts, or graphs for inclusion in reports.

Computes, analyzes and interprets records of streamflow, water levels, pumpage, sediment quantities, or biological and chemical quality to assist in the scientific evaluation of hydrologic phenomena.

Operates a government vehicle as an incidental driver.

Factor Statements

FACTORS 1 - KNOWLEDGE REQUIRED BY THE POSITION (Level 1-6, 950 points)

- Knowledge of the theories, principles, practices, and techniques of hydrology, hydraulics, geology, and engineering as would typically be obtained through a Bachelor's degree to aid in the interpretation of scientific and technical data.
- Knowledge of Survey principles, methods, and practices in order to collect, adjust, correlate, and interpret hydrologic data by Survey standards.
- Skill in the use of hydrologic-data collection and analysis equipment in the field and in the office.
- Basic knowledge of computer applications for the compilation, analysis, representation, and evaluation of hydrologic information.

FACTOR 2 - SUPERVISORY CONTROLS (Level 2-2, 125 points)

Supervisor assigns work in detail and fully reviews work in progress. This review is typically maintained through spot checks to monitor progress and conformance to instructions. Recurring work assignments covered by explicit procedures and guidelines are performed independently. Completed work is reviewed for compliance with instructions and to assure the quality of the work.

FACTOR 3 - GUIDELINES (Level 3-2, 125 points)

Survey policies, regulations, and standard practices or instructions (such as TWRI Handbooks, Survey Manuals) provide guidelines to be followed. Supervisor may indicate source or instruction or available guidelines but incumbent will generally determine the appropriate guides to use. Deviations from guides or incomplete instructions are referred to the supervisor. However, in the field, standard guides or practices may be modified or adapted to meet unusual work situations.

FACTOR 4 - COMPLEXITY (Level 4-2, 75 points)

Work assignments contribute to further development of professional hydrologic knowledges and experiences. Work assignments may require incorporation of a variety of standard procedures and methods to complete a series of sequential and specific phases of a broad hydrologic study.

FACTOR 5 - SCOPE AND EFFECT (Level 5-2, 75 points)

The scope of projects at this level typically provides unbiased, basic hydrologic information that meets the scientific standards of the Geological Survey. The effect of this work contributes to the basic understanding of hydrologic systems that serves, in part, as a basis for responsible and beneficial management of water resources by local, state, or other Federal authorities.

FACTOR 6 - PERSONAL CONTACTS (Level 6-2, 25 points)

Personal contacts are normally with other hydrologists or technicians in the organization, but occasionally, as directed by the supervisor or Project Chief, with cooperators or general public.

FACTOR 7 - PURPOSE OF CONTACTS (Level 7-1, 20 points)

Purpose of contacts within the organization is to gain or exchange information. Contacts external to the organization are limited to obtaining or exchanging information of a factual nature. Occasional contacts with the general public are to accomplish data collection, to communicate with observers, or to talk with property owners.

FACTOR 8 - PHYSICAL DEMANDS (Level 8-2, 20 points)

The position requires moderate periods of standing and sitting while in the office. While in the field, considerable walking, lifting, bending, climbing, and stream wading is necessary to collect data.

FACTOR 9 - WORK ENVIRONMENT (Level 9-2, 20 points)

Office conditions are normal; field conditions may include extreme heat or cold, rain or snow, and hazardous conditions such as ice or flooding.

Select the appropriate statement:

The U.S. Geological Survey has determined that the duties of this position are suitable for telework only during an emergency or natural disaster.

The U.S. Geological Survey has determined that the duties of this position are suitable for telework and the selectee may be allowed to telework with supervisor approval.

The U.S. Geological Survey has determined that telework is required for this position and is a condition of employment. The selectee is expected to telework ___ day s a week and must be eligible to telework under the 2010 Telework Act.

TOTAL POINTS - 1435

GRADE CONVERSION - GS-07

GS-1300, Job Family Standard for Professional Physical Science Work, 10/97

Introduction to the Position Classification Standards

(Source Document Std PD S0229)