

POSITION DESCRIPTION (Please Read Instructions on the Back)

2. Reason for Submission					3. Service		4. Employing Office Location		5. Duty Station		1. Agency Position No.		
☐ Redescription ☐ Reestablishment		☐ New ☒ Other		☐ Hdqtrs ☒ Field						6. OPM Certification No.			
Explanation (Show any positions replaced) NPS Standard Position Description Resources Careers					7. Fair Labor Standards Act ☐ Exempt ☒ Nonexempt		8. Financial Statements Required ☐ Executive Personnel Financial Disclosure ☐ Employment and Financial Interest		9. Subject to IA Action ☒ Yes ☐ No				
					10. Position Status ☒ Competitive ☐ Excepted (Specify in Remarks) ☐ SES (Gen.) ☐ SES (CR)		11. Position Is ☐ Supervisory ☐ Managerial ☒ Neither		12. Sensitivity ☒ 1-Non-Sensitive ☐ 3-Critical ☐ 2-Noncritical Sensitive ☐ 4-Special Sensitive		13. Competitive Level Code 14. Agency Use *R67		
15. Classified/Graded by		Official Title of Position				Pay Plan		Occupational Code		Grade		Initials	Date
a. Office of Personnel Management													
b. Department, Agency or Establishment													
c. Second Level Review		Hydrologic Technician				GS		1316		07			
d. First Level Review													
e. Recommended by Supervisor or Initiating Office													
16. Organizational Title of Position (if different from official title)						17. Name of Employee (if vacant, specify)							
Hydrologic Technician													
18. Department, Agency, or Establishment						c. Third Subdivision							
Department of the Interior													
a. First Subdivision						d. Fourth Subdivision							
National Park Service													
b. Second Subdivision						e. Fifth Subdivision							
						Signature of Employee (optional)							
19. Employee Review-This is an accurate description of the major duties and responsibilities of my position.													
20. Supervisory Certification. 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 Government functions for which I am responsible. This certification is made with the knowledge that this information is to be used for statutory 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.													
a. Typed Name and Title of Immediate Supervisor						b. Typed Name and Title of Higher-Level Supervisor or Manager (optional)							
Signature _____						Signature _____							
Date _____						Date _____							
21. Classification/Job Grading Certification. 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.													
Typed Name and Title of Official Taking Action						22. Position Classification Standards Used in Classifying/Grading Position							
J. LYNN SMITH HUMAN RESOURCES PROGRAM MANAGER						Hydrologic Technician Series, GS-1316, 04/71							
Signature _____						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.							
Date JUN 30 1999													
23. Position Review		Initials		Date		Initials		Date		Initials		Date	
a. Employee (optional)													
b. Supervisor													
c. Classifier													
24. Remarks *Agency Use Code should be entered in FPPS as last three spaces of position allocation number.													
25. Description of Major Duties and Responsibilities (See Attached)													

**NATIONAL PARK SERVICE
BENCHMARK POSITION DESCRIPTION**

**Hydrologic Technician
GS-1316-07**

Introduction

This position is located in a National Park Service organization. The purpose of the position is to perform a range of complex support work related to the gathering and processing of hydrologic data.

Technician work is typically associated with and supportive of a professional field; work may involve substantial elements of the work of the professional field, but requires less than full knowledge of the field involved. This position is intended to report to a specialist or resources manager in the same or a related field. If the incumbent is not supervised by a professional specialist in a related profession, then technical direction must be obtained from a specialist in a central office or center.

The position is distinguished from similar positions at the GS-06 level in the following ways: assignments require that the incumbent have greater knowledge, experience, and judgment in order to complete a variety of conventional projects of relatively limited scope; independently resolve problems for which precedents exist; select, from several alternatives, the most appropriate course of action for planning and executing work; and apply a wide range of conventional methods and solutions to new situations. As a result, the position has a broader scope and effect; unlike lower-graded positions, this position directly affects the design, operation, and adequacy of natural resource activities.

Major Duties (80-100%)

Collects various types of hydrologic data. Collects stream discharge, sediment, and/or ground and surface water survey data utilizing various devices depending on the conditions present. Measures discharge, water quality parameters, and geomorphologic and hydraulic characteristics. Records observations of fluctuations that may affect the interpretation of the data.

With some guidance, selects sites and installs sampling and field equipment. Operates, adjusts, maintains, and inventories surveying and hydrologic sampling and field equipment.

Checks and reduces data to be used for computer modeling and statistical analysis by higher level specialists. Recognizes gaps or inconsistencies in the information; evaluates and compares previous records to develop the necessary changes to correct problems. Conducts non-complex modeling, statistical analyses, etc.

Accesses and maintains computer records and databases. Inputs and retrieves data,

runs programs, and organizes automated record keeping systems.

Prepares preliminary interpretive reports relating to individual hydrologic study assignments, including drafts, maps, and other illustrative material requiring judgment and experience.



Resources Careers

Factor 1. Knowledge Required by the Position Level 1-5; 750 points

Substantial practical and technical knowledge of the methods, procedures, and techniques of the field of hydrology, including hydrologic data collection and sampling, and the skill to apply that knowledge with only general supervision, in order to solve practical problems in a wide range of functions.

Knowledge of and skill in the use, minor repair, and maintenance of various hydrologic equipment, including measuring and sampling devices, current meters, and sediment samplers.

General understanding of the basic principles of hydrology and geomorphology.

Knowledge of database management, word processing, and specialized software programs to input and access data, produce documents, and manage computer records.

Ability to communicate information in a clear and concise manner, in order to develop reports and communicate results of data collection.

Factor 2. Supervisory Controls Level 2-3; 275 points

The supervisor defines objectives, priorities, and deadlines for assignments, and provides assistance on the more complex assignments. The incumbent is relied upon to use cumulative experience and training in making judgments and in planning phases of work, and is expected to exercise initiative and independent judgment. Completed work is reviewed for appropriateness and technical soundness. Methods are not typically reviewed in detail.

Factor 3. Guidelines Level 3-2; 125 points

Guidelines include written handbooks, study plans, and data collection procedures. Problems for which guides and precedents exist are resolved independently. The incumbent uses considerable judgment in selecting and applying the proper guidelines to be used, and must adapt or improvise to adapt to unusual situations

Factor 4. Complexity Level 4-3; 150 points

The work involves performing a broad range of duties (e.g., collecting and checking data, mapping, operating and maintaining equipment, etc.), each of which involves different and unrelated procedures and methods. Each function may involve a variety of possible actions. The incumbent evaluates each situation and identifies and considers interrelationships in order to select the most appropriate methodology from among several alternatives.

Factor 5. Scope and Effect Level 5-3; 150 points

The purpose of the position is to perform complex hydrologic support work. The work directly affects the accuracy and technical quality of water-related reports and plans produced by the organization.

Factor 6. Personal Contacts Level 6-2; 25 points

Contacts are with co-workers and peers in other organizations in a moderately structured setting.

Factor 7. Purpose of Contacts Level 7-1; 20 points

The purpose of contacts is to obtain, relay, and exchange information.



Resources Careers

Factor 8. Physical Demands Level 8-2; 20 points

The work is partially sedentary with prolonged standing, walking, stooping, and bending often required. Heavy items (e.g., equipment up to 50 pounds) must be lifted or moved on a routine basis.

Factor 9. Work Environment Level 9-1; 5 points

Work is performed in both an office setting, which is typically well lighted and ventilated, and in the field, where the incumbent may encounter adverse weather conditions, steep or uneven terrain, and other nuisances.



Resources Careers

POSITION EVALUATION STATEMENT

Title, Series, and Grade: Hydrologic Technician, GS-1316-07

Standard Used: Hydrologic Technician Series, GS-1316, 4/71

GS-07

Nature of Assignment – Level III

The incumbent performs work related to gathering data, or to studies that require the application of a number of different basic, established methods, procedures, and techniques

Assignments require the study, analysis, and consideration of several possible courses of action, techniques, and procedures, and the selection of the most appropriate

Incumbent must be resourceful and exercise initiative in making changes or deviating from procedures to meet the needs of specific situations

Other differences between Levels II and III: circumstances which cannot be foreseen arise with greater frequency in assignments; more knowledge and ability are required.

Responsibility – Level B

Because incumbents at this level have greater knowledge, they also have more freedom and less specific guidance to plan and carry out assignments

Problems involving concepts and methods for which guidelines and precedents exist are resolved independently; supervisor provides assistance for unfamiliar technical problems not covered by guidelines

Work is reviewed for technical soundness

Contacts are typically with people outside of the immediate organization, in order to furnish or obtain information