

1316,Hydrologic Technician (Field Assistant),GG-02

Based on PD Tracking Number 0002007

PD Tracking Number 0005158

Major Duties

GG-1316-02 (Standard PD)

Incumbent of this position performs technical work in support of professional or technical employees engaged in hydrologic data collection activities or chemical analysis of water samples in a laboratory.

Major Duties

Assists in the routine collection of surface-water, ground-water, and quality-water data from gaging stations, wells, or QW monitoring stations.

Assists in performing laboratory analysis of water samples to determine specified sediment, chemical, or biological concentrations or physical characteristics.

Operates a government motor vehicle as an incidental driver.

FACTOR STATEMENTS

FACTOR 1 - KNOWLEDGE REQUIRED BY THE POSITION

- Knowledge of simple, routine, or repetitive tasks, which includes following step-by-step instructions.
- Skill to operate simple equipment.

FACTOR 2 - SUPERVISORY CONTROLS

Works under the immediate supervision of a higher grade technician or hydrologist. Routine and repetitive work is performed independently in accordance with established procedures and is spot-checked for compliance. Specific instructions are given for new or non-routine tasks.

FACTOR 3 - GUIDELINES

Specific written or oral guidelines are provided to the employee. The employee works in strict conformance to the guides and refers deviations to the supervisor.

FACTOR 4 -COMPLEXITY

Work assignments contain a few directly related tasks. The employee can easily discern required action.

FACTOR 5 - SCOPE AND EFFECT

The purpose of the work is to provide technical support to professional and technical employees in the collection and analysis of hydrologic data.

FACTOR 6 - PERSONAL CONTACTS

Personal contacts are with hydrologists and technicians in the district.

FACTOR 7 - PURPOSE OF CONTACTS

Contacts are to obtain advice and direction and to exchange information related to the daily work.

FACTOR 8 - PHYSICAL DEMANDS

(Level 8-1, 5 points)

{ } The work is mainly sedentary, but may require some walking and carrying of light items in offices, laboratories, and other work areas. Employees may also carry light items such as briefcases, notebooks, and work papers, or drive a motor vehicle. The work does not require any special physical effort or ability.

Or

(Level 8-2, 20 points)

{ } The work requires some physical exertion such as:

- long periods of standing;
- walking over rough, uneven, or rocky surfaces;
- recurring bending, crouching, stooping, stretching, reaching, or similar activity; or
- recurring lifting of moderately heavy items weighing less than 23 kilograms (under 50 pounds) such as lifting and carrying stream gauging weights, data collection and monitoring devices, or sample trays.

Or

(Level 8-3, 50 points)

{ } The work regularly requires considerable dexterity, agility, and strenuous physical exertion such as that needed to:

- climb, or work from, tall ladders or scaffolding;
- work in areas where footing is treacherous such as on slippery river banks, in steep or rocky terrain, and in fast-moving water;
- lift heavy objects weighing 23 kilograms (over 50 pounds) or more;
- crouch or crawl in constricted areas; and
- defend oneself or others against physical attack.

FACTOR 9 - WORK ENVIRONMENT

The work is performed outdoors, and involves moderate or sometimes extreme exposure to the discomforts of rain, cold/hot weather, and rapidly running or icy streams rivers. Special safety precautions are required in many cases, and the employee typically wears life jackets, special safety boots, waders, and reflective rain gear.

GS-1300T, JFS for Technical Work in the Physical Sciences Group 08/02

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