

SNOHOMISH COUNTY JOB DESCRIPTION

BIOLOGY TECHNICIAN

Spec No. 3001

BASIC FUNCTION

To analyze the locations of stream and wetland systems, collect physical and biological survey information and map stream/wetland locations.

STATEMENT OF ESSENTIAL JOB DUTIES

1. Conducts physical and biological inventories of stream and wetland systems; documents physical and biological data observed or collected; enters survey data into a computerized data management program.
2. Interprets infrared and high level aerial photographs; maps the locations of streams and wetland on to aerial photographs.
3. Conducts site evaluations of land development proposals and evaluates the presence or absence of stream and wetland systems; prepares reports documenting the stream and wetlands systems observed at the development sites; prepares preliminary stream and wetland protection measures to be considered in the development of staff recommendations for permit approval.
4. Assists project biologists with the design of stream restoration projects and in preparation of hydraulic permit approvals for in-stream work.
5. Supervises up to five (5) temporary laborers involved in stream restoration and wetland mitigation work; transports crews to work sites; drives vans, crew-cab trucks and flat bed trucks as required.
6. Prepares charts, graphs and related materials for water resource related projects.
7. Updates and maintains physical and biological data base.
8. Monitors erosion and sediment control activities on development projects and collects water quality samples.

STATEMENT OF OTHER JOB DUTIES

9. Performs related duties as required.

MINIMUM QUALIFICATIONS

An Associate of Arts degree in biological sciences including specific course work in fisheries biology, zoology, botany, computer sciences, hydrology or related course work; AND, one (1) year of work experience as a project crew leader; OR, any equivalent combination of training and/or experience which provides the required knowledge and abilities. Work related experience may be substituted on a year for year basis. Must pass job related tests.

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SPECIAL REQUIREMENTS

Completion of a wetland delineation and stream inventory training program and/or course work on basic land use principles, including comprehensive planning and zoning processes within one (1) year of hire.

KNOWLEDGE AND ABILITIES

Knowledge of:

- Fish & Wildlife/COE wetland delineation process;
- aerial photograph interpretation;
- infrared aerial photograph interpretation;
- stream and wetland inventory equipment and stream restoration equipment;
- the use of computer technology.

Ability to:

- collect and analyze biological and physical data;
- plan, direct and review the work of project crews;
- establish and maintain effective working relationships with county staff;
- communicate effectively both orally and in writing;
- read, understand and interpret technical data;
- understand and execute oral and written instructions;
- utilize computer programs;
- operate computer terminals and applied software packages;
- maintains necessary records and prepares required reports.

SUPERVISION

Employees receive direction from a leadworker and/or supervisor. The work is performed with some independence and is reviewed through periodic meetings and status reports and by evaluation of results obtained.

WORKING CONDITIONS

The work is performed in the office or in the field in varying weather conditions. Physical effort is required to lift equipment and materials in excess of fifty (50) pounds and to perform manual labor. Physical hazards are present from traffic, power equipment and performance of duties in wooded areas and streams.

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Snohomish County is an Equal Employment Opportunity (EEO) employer.
Accommodations for individuals with disabilities are provided upon request.

[EEO policy and ADA notice](#)

Class Established: November 1989 as Planning Technician

Previous Spec No. 450501

Retitled: January 1991

Revised: October 2004

EEO Category: 3 - Technicians

Pay Grade: 234 - Classified Pay Plan

Workers Comp: 1501 Hazardous