

NOTICE OF VACANCY
SW WA CONSERVATION DISTRICTS
PROFESSIONAL ENGINEER

Introduction:

The position provides engineering services to landowners and land users within Lewis County, Clark, Cowlitz, Grays Harbor, Pacific, and Wahkiakum Conservation Districts. This is a full-time, grant funded position through June of 2016 and possibly longer dependent on funding from the Washington State legislature.

A coordinating Board of Directors (Engineering Control Board) and the managing Conservation District Board of Supervisors determines program priorities and the successful applicant will be responsible to the members of the Boards. The District Manager will provide day-to-day supervision.

Preferred applicant is a professional engineer licensed with the Washington State Board of Registration for Professional Engineers and Land Surveyors, as provided in Chapter 18.43 RCW. Applicants in EIT status are eligible as long as they can provide written confirmation that the Washington State Professional Engineer they are working under confirms they will continue to oversee the EIT. The confirmation must include the time during the tenure needed before the EIT can take the test to become a licensed Washington State Professional Engineer.

Both field and office work will be required. The employee is expected to promote the proper and responsible use of natural resources and to perform all duties in a timely, courteous, and professional manner. A valid Washington State driver's license is required.

Location: The position could be located at any of the following Southwest WA District office locations, depending on available office space: Chehalis (Lewis County), Skamokawa (Wahkiakum County), Montesano (Grays Harbor County), Longview (Cowlitz County) or South Bend (Pacific County).

Duties:

- Prepare engineering designs where there are complex problems involving intensive land use or economic factors. Conduct engineering surveys, prepare design reports, complete engineering designs, conduct construction inspections of engineering practices and/or assist in obtaining all applicable permits. The incumbent may supervise planning and design staff and others to insure that all work is performed in a technically competent manner.
- Provide landowners with technical assistance in applying planned engineering systems, which may include construction layout, and construction inspection to determine conformance with design and adherence to plans and specifications.
- Conduct field investigations, hydrologic studies, field surveys, and assemble data needed in the development of conservation practices for structural solutions to problems with fish habitat, water quality, erosion, drainage, and irrigation directly related to conservation district operations.
- Inspect the construction of engineering practices by land users for compliance with construction drawings and specifications, and provide necessary interpretations of the drawings and specifications.
- Develop designs for alternative solutions to improve fish habitat, fish migration, water quality and address erosion, drainage, irrigation, agriculture Best Management Practices, and other natural resource problems.
- Prepare final construction drawings and specifications for engineering practices such as: fish habitat improvement, stream bank protection measures, grade stabilization structures, stream crossings, agriculture Best Management Practices, and channel modifications (including culvert replacements).

- Develop and revise engineering technical material such as standard detail drawings, specifications, design aids, and training materials. All designs will meet established NRCS engineering specifications or alternative practice designs approved by a professional engineer.
- Ability to exercise sound independent professional judgment in making decisions on difficult engineering problems; analyze and prepare engineering plans and reports, and complete complicated mathematical computations; plan, supervise, coordinate engineering work, and confer with agency officials on design requirements for permits.
- Knowledge of a broad range of natural resource conservation principles.
- Ability to traverse all types of terrain on foot, crossing fences and the operation of hand and power tools. Physical effort is occasionally required, lifting weights up to 100 lbs. Work conditions involve all types of topography, weather, or related outdoor features and frequent travel.
- Ability to work closely with members of the public and other office staff.
- Ability to organize and plan own schedule of activities related to work goals set by the coordinating Board of Directors, District Board of Supervisors and District Manager.
- Ability to maintain accurate record regarding time-keeping and authorized expenses.

Required Qualifications:

Licensed Professional Engineer in the State of Washington or individual in EIT status.

General Qualifications:

Knowledge and experience in hydrology and stream complexity.

Knowledge and skills in surveying and engineering design.

Knowledge and experience in designing agricultural Best Management Practices to protect ground and surface water.

Knowledge of engineering principles, practices, and methods; efficient use of construction equipment; arithmetic, geometry, calculus and engineering formulas; surveying and mapping, hydraulics and hydraulic structures, pipelines, soil engineering, USDA Natural Resources Conservation Service Field Office Technical Guide <http://www.nrcs.usda.gov/technical/efotg/>, statutes, court decisions and Attorney General's Opinions covering wide variety of engineering functions provided or regulated by Washington State.

Ability to operate computer programs associated with engineering, including surveying, design calculations and design development and specifications.

Starting Salary Range: \$60,274 - \$72,319 DOE + Benefits

Please submit resume, cover letter and three professional references by *email or hard copy* to the Lewis County Conservation District - bob.amrine@wa.usda.com or Lewis County Conservation District, 1554 Bishop Road, Suite 100, Chehalis, WA 98532. Conservation Districts are an equal opportunity employer.

Application must be received by 2:00 pm, August 5, 2015.
Applicants will not be notified on non-selection.