

State of Washington  
Dept. of Fish and Wildlife  
invites applications for the position of:

**careers.wa.gov**  
Working for Washington State

## ENVIRONMENTAL ENGINEER 3 \*07892H

**SALARY:** \$5,136.00 - \$6,741.00 Monthly

**OPENING DATE:** 08/02/13

**CLOSING DATE:** 08/14/13 11:59 PM

### DESCRIPTION:



**Our Mission**  
To preserve, protect and perpetuate fish, wildlife and ecosystems while providing sustainable fish and wildlife recreational and commercial opportunities.

**Vision**  
Conservation of Washington's fish and wildlife resources and ecosystems.

The Washington Department of Fish and Wildlife (WDFW) is dedicated to protecting native fish and wildlife, and providing sustainable fishing, hunting, and wildlife, viewing opportunities for millions of residents and visitors. Working throughout the state, WDFW's employees: field biologists, enforcement officers, land stewards, lab technicians, customer service representatives and others – manage hundreds of fish and wildlife species, maintain nearly a million acres of public wildlife lands, provide opportunities for recreational and commercial fishing, wildlife viewing and hunting, protect and restore habitat and enforce laws that protect fish and wildlife resources. Find out more about us and the important work we are a part of at [www.wdfw.wa.gov](http://www.wdfw.wa.gov).

### Environmental Engineer 3 (Permanent)

The Washington Department of Fish and Wildlife is recruiting to fill a full-time permanent Environmental Engineer 3 position working for the Habitat Program, Restoration Division. The duty station is the Natural Resources Building in Olympia, Washington.

The Habitat Program is dedicated to protecting, conserving, and restoring ecosystems necessary for the long-term sustainability of fish and wildlife populations in Washington State. To serve this need, Habitat Program staff use permitting authority and provide sound scientific information, management recommendations, and expert technical guidance to other agencies and the public. The Habitat Program employs over 180 personnel with expertise in many disciplines, including fish and wildlife biology and ecology, scientific research, environmental engineering and planning expertise. Program staff is located in seven offices throughout the state.

### DUTIES:

Under general supervision of the Habitat Program Environmental Engineering Section Manager, this position:

- Represents the agency as a registered Professional Engineer and provides/approves final engineering designs and decisions.
- Prepares professional engineering designs and permit documents for fish passage, bank protection, fish screening, and habitat restoration projects.
- Provides professional engineering technical assistance to Agency staff and individuals/groups outside the Agency involved in all aspects of aquatic habitat restoration work.
- Investigates and researches emerging technologies.
- Assigns tasks to and reviews the work of junior engineers and engineering aides.
- Performs engineering duties in the office: designing, calculating, drafting, evaluating data, and managing projects.
- Performs engineering field duties: surveying, measuring, collecting site data, inspecting and reporting.
- Reviews design documents of peers for quality assurance.
- Prepares guidelines and presentations for aquatic habitat restoration projects.
- Works collaboratively with diverse teams of restoration professionals.

**QUALIFICATIONS:**

**Required:**

- Registration as a Professional Engineer in the state of Washington as required by RCW 18.43.

**Desired Qualifications:**

- A Master's degree with major study in one of the following engineering fields: sanitary water resource, civil, geotechnical, environmental, chemical, mechanical, or related field; and
- Registration as a Professional Engineer in the state of Washington or another state based on registration requirements equivalent to those in Washington and two years of experience in environmental engineering

OR

- An Engineer-In-Training Certificate or a Bachelor's degree with a major study in one of the following engineering fields: sanitary, civil, geotechnical, water resource, environmental, chemical, mechanical or related field; and
- Registration as a Professional Engineer in the State of Washington or another state based on registration requirements equivalent to those in Washington and three years of experience in environmental engineering.

NOTE: A Ph.D. in one of the above engineering fields will substitute for two years of the environmental engineering experience.

NOTE: Requirements for professional registration as an engineer in the state of Washington are eight years of professional experience (which may include up to four years of college-level engineering education) and successful completion of sixteen hours of professional licensing exams. Applicants qualifying through the licensing equivalency option must achieve professional registration as an engineer in the state of Washington within six months of appointment to this class.

**SUPPLEMENTAL INFORMATION:**

**Working Conditions:**

Work will include approximately 70% office duties and 30% field work, which may occur over rough terrain and in all weather conditions. Basic work hours are Monday – Friday 8:00 AM – 4:30 PM, however flex time is negotiable. Occasional long hours and overnight travel are required.

**Union:**

This position is covered by a collective bargaining agreement between the State of Washington, Department of Fish & Wildlife, and the Washington Association of Fish and Wildlife Professionals (WAFWP). As a condition of employment you must either join the union and pay union dues, or pay the union a representational or other fee within 30 days of the date you are put into pay status.

To apply for this position you **MUST** complete your profile at [www.careers.wa.gov](http://www.careers.wa.gov) and attach the following to your profile before completing the online application:

- A cover letter describing how you meet the qualifications of this position (generic cover letter will not be accepted)
- A current resume (please make it succinct)
- Three professional references (personal references do not count as professional)

**Please note:** Failure to follow the above application instructions will lead to disqualification. E-mailed documents **will not be accepted** in lieu of attaching your documents to the online profile.

Upon submission of your online application, you will immediately receive a confirming e-mail. You will then be notified via e-mail of your status during the process. In addition to the e-mail notifications, you can check the status of your application at any time by visiting your online profile at [www.careers.wa.gov](http://www.careers.wa.gov). Due to the high volume of applications that we receive, we ask your understanding and encourage you to use the online process and avoid calling for information.

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The Department of Fish and Wildlife is an equal opportunity employer. We strive to create a working environment that includes and respects cultural, racial, ethnic, sexual orientation and gender identity diversity. Women, racial and ethnic minorities, persons of disability, persons over 40 years of age, disabled and Vietnam era veterans and people of all sexual orientations and gender identities are encouraged to apply. Persons needing accommodation in the application process or this announcement in an alternative format may call (360) 902-2276 or the Telecommunications Device for the Deaf (TDD) at (800) 833-6388.

### **ENVIRONMENTAL ENGINEER 3 \*07892H Supplemental Questionnaire**

- \* 1. What best describes your level of education you have successfully completed.
  - Associates degree
  - Bachelor's degree
  - Master's degree
  - Ph.D.
  - None of the above
- \* 2. Do you have a Bachelor's, Master's or Ph.D. degree in one of the following engineering fields: sanitary, water resources, civil, geotechnical, environmental, chemical, mechanical, or a related field?
  - Yes     No
- 3. What is your major area of college study? If multiple degrees, please list each degree and major.
- \* 4. Are you registered as Engineer-in-Training in the State of Washington?
  - Yes     No
- \* 5. Are you registered as professional engineer in the State of Washington?
  - Yes     No
- \* 6. Select the answer below that best describes your technical knowledge and skill using Microsoft Excel to create spreadsheets, import data from other sources, and create tables and graphs from spreadsheet data.

- Beginner (little or no experience, but interested and willing to learn)
  - Developing (working knowledge)
  - Skilled (working knowledge, uses software frequently)
  - Expert (exceptional knowledge, recognized as expert user)
- \* 7. Do you have a minimum of eleven (11) years (including up to four years of college-level engineering education) professional experience?
- Yes    No
- \* 8. Please describe your experience related to fish passage, habitat restoration, bank protection, and flood hazard reduction projects.
- \* 9. Please describe your education related to fish passage, geomorphology, hydrology, hydraulics, open channel flow, biology and sediment transport.
- \* 10. Are you willing and able to work non-scheduled hours including evenings and weekends?
- Yes    No
- \* 11. Have you been convicted of a misdemeanor or felony within the last (10) years?  
(Answering yes will not automatically bar you from employment)
- Yes    No
- \* 12. Do you possess a valid Washington State, or other state, driver's license? (If selected for an interview, you may be asked to furnish your license and driving record.)
- Yes    No
- \* 13. Please verify that you have included the following information in your online application:  
1) A chronological resume OR a completed online profile that includes education and employment history 2) A detailed cover letter describing how you meet the qualifications for this position. 3) Detailed responses to all supplemental questions. 4) Three professional references.
- Yes    No
- \* Required Question