

**State of Washington
Dept. of Fish and Wildlife
invites applications for the position of:
Scientific Technician 3 *02087H**


careers.wa.gov
Working for Washington State

SALARY: \$2,705.00 - \$3,522.00 Monthly

OPENING DATE: 02/22/13

CLOSING DATE: 03/04/13 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.

Additional Salary Information
The salary range reflects a 3% salary reduction for state employees over the 2011-13 biennium, which was passed by the Legislature effective July 1, 2011 through June 29, 2013.

**SCIENTIFIC TECHNICIAN 3
(NON-PERMANENT)**

The Washington Department of Fish and Wildlife (WDFW) is recruiting to fill a full time, non-permanent, Scientific Technician 3 position located in the Habitat Program, Restoration Division.

This position is located in the Natural Resources Building in Olympia and reports to the Fish Passage Inventory Coordinator. Work will be performed throughout the Puget Sound Region. The employment period is to start as soon as possible and will end on June 30, 2013 (unless extended, depending on future funding).

DUTIES:

JOB SUMMARY

This position is responsible for conducting fish passage inventories to locate and assess natural and human-made in-stream features that may pose a passage or entrainment problem for salmonids. Fish passage inventories support prioritization and implementation of

fish habitat enhancement and recovery projects in Washington. Primary duties include:

- Independently plan, organize, and conduct advanced on-site evaluations (e.g. slope, velocity, substrate composition) using prescribed protocols and procedures to inspect, analyze, and report human-made structures such as culverts, dams, bridges, fishways, lake outlet screens, and surface water diversions on streams.
- Use on-site measurements and information to determine the application of the appropriate protocol and techniques for collecting data to assess stream crossings for fish passage. Analyze data to determine the extent of fish passage barriers and fish habitat impacted.
- Process physical and biological stream data using established protocols and procedures in Excel spreadsheets. Organize and enter data into the Fish Passage Diversion Screening Inventory (FPDSI) database.
- Use GIS software (ArcMap) to analyze data and create maps of assessment sites and fish passage features.
- Conduct physical habitat assessments (e.g. stream width, depth, and substrate) and utilize electro-fishing to evaluate the extent of fish use in streams associated with stream crossings.

WORKING CONDITIONS

The successful candidate must be willing and able to:

- Work in all weather conditions including extreme heat or snow and sometimes over difficult terrain and surfaces up to 80% of the time.
- Walk streams to take measurements. Walking streams requires moving through thick vegetation, climbing over and around log jams and woody debris and walking on uneven terrain and slippery surfaces while carrying up to 20lbs of field gear.
- Work flexible hours outside of the regular 8:00 am – 5:00 pm, Monday – Friday work hours including evenings. *Work schedule is typically 7:00 AM – 5:30 PM, Monday – Thursday.*
- Transport equipment weighing up to 30 pounds over long distances and uneven terrain.
- Travel up to 200 miles per day to survey locations.
- Work along busy state highways.
- Safely operate motor vehicles.
- Work both independently and in a team environment.
- Communicate effectively with co-workers, other agency staff, and the public.

QUALIFICATIONS:

Required

High school diploma or GED including one year of high school science

AND

Four years of experience as a Scientific Technician or equivalent; OR,
Four years of laboratory and/or field experience as an assistant to a health or safety professional, biologist, chemist, or zoologist.

College coursework involving major study in biology, zoology, fisheries, chemistry, natural sciences, or closely allied field will substitute, year for year, for experience provided the coursework includes at least six semester or nine quarter hours of natural or environmental science classes. *Note: while a college degree is not required, it is preferred.*

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.)

Preferred Competencies

Well qualified applicants will demonstrate competencies in the following areas:

- Thorough understanding of the WDFW Fish Passage Barrier and Surface Water Diversion and Assessment methodologies and protocols.
- Ability to use independent judgment to handle situations encountered in the field that are not addressed in the WDFW Fish Passage Barrier and Surface Water Diversion and Assessment manual.
- Understanding of the freshwater habitat requirements and life histories of Washington's native salmonids.
- Ability to observe and assess condition or quality of spawning and rearing habitat for Washington native salmonids.
- Ability to observe and identify the various fish species found in Washington.
- Ability to perform advanced data collection and analysis in barrier determination of human-made in-stream water features.
- Ability to interpret aerial photographs and topographic maps and to navigate using said maps; accurately measure features on the maps.
- Proficiency in the use of laser survey equipment, digital cameras, and GPS systems.
- Proficiency in the use of Microsoft Office and ArcMap software.

SUPPLEMENTAL INFORMATION:

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

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

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 email. 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. 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.

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 identify 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 Telecommunications Devise for the Deaf (TDD) at (800) 833-6388.

Scientific Technician 3 *02087H Supplemental Questionnaire

- * 1. What best describes your level of education?
- High school diploma or GED
 - Associates degree
 - Bachelor's degree or higher
 - None of the above
2. What is your major area of study? If multiple degrees, please list each degree and major.
- * 3. What best describes the amount of high school science classes you passed?
- I completed and passed less than one year of high school science
 - I completed and passed one year of high school science
 - I completed and passed two or more years of high school science
 - None of the above
- * 4. What best describes your laboratory and/or field experience as an assistant to a health or safety professional, biologist, chemist, or zoologist? Experience is based on full time equivalency (i.e., 40 or more hours/week). Part time work is prorated (e.g., 20 hours/week for 6 years = 3 years of experience). Do not count experience that was a part of your educational requirements.
- I have less than 12 months of experience
 - I have 12 - 23 months of experience
 - I have 24 - 35 months of experience
 - I have 36 - 47 months of experience
 - I have 48 or more months of experience
 - I do not have this type of experience
5. Please briefly describe your laboratory and/or field experience as an assistant to a health or safety professional, biologist, chemist, or zoologist. Include where and how you obtained this experience.
- * 6. What best describes your experience as a Scientific Technician 1, or higher, or equivalent? Experience is based on full time equivalency (i.e., 40 or more hours/week). Part time work is prorated (e.g., 20 hours/week for 6 years = 3 years of experience). Do not count experience that was a part of your educational requirements.
- I have less than 12 months of experience
 - I have 12 - 23 months of experience
 - I have 24 - 35 months of experience
 - I have 36 - 47 months of experience
 - I have 48 or more months of experience
 - I do not have this type of experience
7. Please briefly describe your experience as a Scientific Technician or equivalent. Include where and how you obtained this experience.
8. Please briefly describe your knowledge of the WDFW Fish Passage Barrier and Surface Water Diversion and Assessment methodologies and protocols or similar document. Include how you gained this knowledge.

- * 9. Are you willing and able to work in all weather conditions including extreme heat; cold, and rain, and over difficult terrain and/or in streams up to 80% of the time?
 Yes No
- * 10. Are you willing and able to work alone in remote locations up to 70% of the time?
 Yes No
- * 11. Are you willing and able to work outside of the regular business hours of 8:00 am to 5:00 pm, Monday through Friday including evenings?
 Yes No
- * 12. What best describes your level of proficiency using ArcMap software?
 Beginner
 Intermediate
 Advanced
 I do not have this type of experience
13. Please briefly describe your experience navigating to/from remote locations using maps, aerial photography, compass, GPS, or other means. Include the type of tool/equipment used and how you obtained your experience.
14. Please briefly describe your experience conducting field surveys and collecting data. Include the type of survey conducted, the data collected, and where and how you obtained this experience.
- * 15. 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
- * 16. Have you been convicted of a misdemeanor or felony within the last ten (10) years? (Answering yes will not automatically bar you from employment)
 Yes No
- * 17. . Please verify that you have included the following information in your online application: 1)A chronological resume that includes education and employment history. 2) A detailed cover letter describing how you meet the qualifications for this position. 3) Three professional references. 4) Have you provided detailed answers to questions #5, #7, #8, #13, & #14?
 Yes No

* Required Question

