

State of Washington
Dept. of Fish and Wildlife
invites applications for the position of:
SCIENTIFIC TECHNICIAN 2 *02394H



SALARY: \$2,426.00 - \$3,135.00 Monthly

OPENING DATE: 03/30/15

CLOSING DATE: 04/14/15 11:59 PM

DESCRIPTION:



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.

**Scientific Technician 2
(Full-time; Non-permanent)**

The Department of Fish and Wildlife is recruiting to fill **one (1)** full-time, non-permanent, Scientific Technician 2 position located in the Habitat Program, Region 3. The duty station is either 1701 S. 24th Ave. Yakima, or Pasco, Yakima County. The position duration is approximately 6 months with an anticipated start date of May 1, 2015 and expected ending on October 31, 2015.

This position will provide assistance with the statewide trust monitoring program to assess socio-economic benefits of instream flow restorations for anadromous and resident salmonid populations. The information collected for the flow monitoring efforts are vital to protect instream flows for preservation, protection, and perpetuation of fish and wildlife.

DUTIES:

- Stream flow monitoring.
- Monitor trust water rights acquired within the sixteen critical basins.
- Install, monitor, and operate staff gages and pressure transducers.
- Enters data collected during the sampling periods into the water team's monitoring database.
- Provides assistance for instream flow monitoring needs to other division and program staff.
- Conducts field habitat measurements in streams throughout the state.
- Interprets, understands, and accurately follows work procedures.
- Carefully and accurately observes and records the condition and quality of salmonid habitat.
- Work using various fish sampling methods, to include; electrofishing, seine net, and snorkel surveys.

- Accurately identifying juvenile and adult salmonids in the field.
- Careful note taking and data entry of fish sampling efforts.
- Creation of maps in GIS to display information collected in the field.
- Creation of trust water rights maps for monitoring efforts.
- Creation of maps to display instream flow needs for native salmonids.

QUALIFICATIONS:

Education/Experience:

Graduation from high school or GED, including one year of high school science, and four years of experience as a Scientific Technician. OR

Graduation from high school or GED, including one year of high school science and **four** years of laboratory or field experience as an assistant to a health or safety professional, biologist, chemist, or zoologist.

College course work involving major study in biology, zoology, fisheries, chemistry, natural sciences, or closely allied field will substitute, year for year, for experience, provided the course work includes at least six semester or nine quarter hours of natural or environmental science classes.

Must possess a valid Washington State or other state's driver license

Must have the ability to:

- Conduct statewide stream flow measurements using the latest metering devices.
- Use sound judgment when completing assigned tasks;
- Communicate effectively and professionally with WDFW staff, other agencies, private landowners, and the general public;
- Utilize standard scientific measuring techniques.
- Collect, manage, organize and evaluate data.
- General knowledge of environmental survey methods, enter and summarize data in Excel and produce written summaries of work in Word;
- Work hours outside of the regular hours of 8:00am-5:00pm including weekends.
- Lift up to 40 pounds (exclosures, traps, etc.).
- Ability to walk up to 12 miles, through soft sand or uneven terrain;
- Work alone and independent of direct supervision in somewhat remote locations.
- Follow written and oral directions.
- Persistence in insuring the required data is collected.

Ability to: think critically; collect, record, and compile data; perform work in a safe manner; work independently and as part of a team; accept and provide supervision; follow prescribed protocols and procedures; follow oral and written direction; develop and maintain positive, productive, respectful working relationships with coworkers, collaborators, and local landowners; make independent judgments in the field; perform a variety of outdoor work in inclement weather; tolerate difficult and sometimes tedious work conditions; abide by all applicable agency policies.

Preferred/Desired Qualifications:

- Able to work effectively as part of a team, physically helping others perform tasks in the field.
- Works accurately with attention to details, collecting and compiling information into reports and forms.
- Interprets, understands, and accurately follows work procedures.
- Knowledge of freshwater habitat requirements for anadromous and resident salmonids.
- Knowledge of resident and anadromous salmonid life histories.
- Understands the freshwater habitat requirements of resident and anadromous salmonids.
- Ability to recognize and identify conditions which inhibit natural salmonid production.
- Carefully and accurately observes and records the condition and quality of salmonid habitat.
- Is able to accurately identify juvenile and adult salmonids.
- Demonstrate proficiency using GPS and associated software, and working solo in remote locations.
- Ability to closely follow standard protocols and perform work under moderate to low supervision.
- Proficiency in the use of Arc GIS, Excel, Access, and Word is a plus. Ability to create maps in GIS to display information collected in the field.

SUPPLEMENTAL INFORMATION:

Working Conditions

The successful candidates must be willing and able to:

- Approximately 90% of work will be conducted outside. Hazards include but are not limited to; normal hazards associated with operating a motor vehicle on developed and undeveloped roads.
- Work will be conducted in rain, wind and hot/cold conditions. Remoteness of work sites requires the person to be in good physical condition and ability to walk on uneven terrain, exposed to insect bites and stings.
- Carry 40+ lbs. over uneven terrain with frequent bending, stooping, and climbing over rocks and slopes.
- Use or learn software programs such as Microsoft Office programs Word and Excel.
- Use handheld GPS.
- Flexible work schedule dictated by weather conditions.

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.

How to Apply:

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 this 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 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. 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, and ethnic, sexual orientation and gender identity diversity. Women, racial and ethnic minorities, persons with disabilities, 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 (360) 902-2207.

SCIENTIFIC TECHNICIAN 2 *02394H Supplemental Questionnaire

- * 1. What best describes your level of education you have successfully completed:
- ☐ High school diploma or GED
 - ☐ Associate degree
 - ☐ Bachelor's degree
 - ☐ I am currently attending college.
 - ☐ None of the above
- * 2. If you hold a degree or are attending college, please list your major, graduation date or anticipated graduation date. If you do not have a degree or are not attending college, please indicate by placing N/A.

- * 3. What best describes your experience as a Scientific Technician or equivalent experience. 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).
 - ☐ 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 or more months of experience
 - ☐ None of the above
- * 4. Do you have experience with recording detailed and accurate field data for a natural science survey or study?
 - ☐ Yes ☐ No
- * 5. Have you ever used a flow measuring device? Please describe experience with type and use.
- * 6. Do you have experience conducting fish sampling?
 - ☐ Yes ☐ No
- * 7. Are you familiar with both resident and anadromous fish species? Please describe your experience(s).
- * 8. Do you have working knowledge of stream and/or lake habitat surveys? Please describe your experience(s).
- * 9. Are you willing and able to walk, bend, squat, twist, stoop over uneven terrain while at times carrying heavy equipment or tools?
 - ☐ Yes ☐ No
- * 10. Are you willing and able to perform work outdoors during inclement weather requiring you to carry up to 25 pounds and traverse over difficult terrain and surfaces, walking up to 5-10 miles in a day?
 - ☐ Yes ☐ No
- * 11. Are you willing and able to work non-scheduled hours outside of the regular hours of 8:00 am – 5:00pm, Monday through Friday, including weekends, evenings and holidays?
 - ☐ Yes ☐ No
- * 12. Are you willing and able to travel up to five days/week?
 - ☐ Yes ☐ No
- * 13. Do you have any GIS mapping experience?
 - ☐ Yes ☐ No

- * 14. 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

- * 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. 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