

State of Washington
 Dept. of Fish and Wildlife
 invites applications for the position of:
Career Seasonal Scientific Technician 2
***04814-14**

careers.wa.gov
 Working for Washington State

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

OPENING DATE: 05/14/14

CLOSING DATE: 05/21/14 05:00 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

This is an 8 month (October-May) career seasonal Scientific Technician 2 position located in Region 5. The duty station for this position is the Cowlitz Trout Hatchery located at 165 Osprey Lane, Toledo, WA.

This position reports to the project lead and is responsible for conducting resistance board weir operations in select lower Cowlitz River tributaries. This includes: assisting in the installation, operation, maintenance, and removal of adult fish weirs, conducting adult salmonid spawning surveys, juvenile out-migrant monitoring and juvenile distribution sampling to collect data needed to generate accurate and precise estimates of adult and juvenile salmonid abundance and measure other VSP parameters, assisting with sampling of sport fisheries, assisting with data entry into established spreadsheets and databases, and assisting in the proofing of field datasheets, scale cards, databases, and spreadsheets. This position will assist with the monitoring of the health and diversity of Chinook, coho, chum, and steelhead populations throughout the lower Cowlitz River and provides information needed to assess stock status and maintain sustainable recreational opportunities, which includes working in conjunction with field technicians, biologists, hatchery staff & complex managers, IT staff, and program managers in Region 5, within the agency, with other agencies, and with the public.

The primary objective of this position is to assist with operation and maintenance of resistance board weirs for Chinook, coho, and chum salmon and summer/winter steelhead throughout the lower Cowlitz River. This position conducts fieldwork to collect data needed to estimate escapement, hatchery/wild proportions and document spatial distribution. This position is also responsible for entry and proofing of biological data and VSP survey data into standardized spreadsheets and databases.

DUTIES:

Salmonid VSP and fishery monitoring

Tasks include:

- Adult salmonid spawning ground surveys on lower Cowlitz River tributaries to collect data needed to measure VSP parameters and generate accurate and precise adult salmonid abundance estimates.
 - Identifies and enumerates adult salmonids (live and dead) and redds.
 - Collects biological data from live adult fish and carcasses.
- Installation/removal, maintenance and operation of adult and juvenile monitoring weirs, traps and equipment (including electrofishing).
 - Captures, identifies, enumerates, handles, and tags/marks salmonids (live adults and juveniles)
 - Collects biological data from live adult fish and carcasses.
 - Collect broodstock for established enhancement programs.
- Sport fishery creel sampling.
 - Interviews sport anglers, records species, catch, effort and biological data.
 - Collects biological samples from sport catch including; CWT, PIT, DNA, Visual Stock Identification (VSI) using established protocols.

Data collection, entry and management

Tasks include:

- Field data collection
 - Accurately records and/or proofs data collected during field activities.
 - Uses various handheld data collection devices: data loggers, GPS's, PIT tag readers and CWT detectors.
- Data entry/proofing
 - Uses a computer to enter and proof data that has been collected into established spreadsheets and/or databases (e.g. Traps, Weirs, Surveys (TWS) and Juvenile Migrant Exchange (JMX)).
- Data management
 - Ensure scale cards, CWT snouts, DNA and otolith sample collections are submitted in a timely manner.
 - Download, proof, and submit finalized GPS data.

General administration and other duties as assigned

Tasks include:

- Administrative tasks
 - Completion of Total Time
 - Completion of vehicle/boat logs
 - Completion of travel expense vouchers when appropriate
- Training
 - Attend required training and Agency meetings
- Other duties
 - Other tasks as directed by supervisor, which may include but not limited to: assisting with snorkels, hatchery sampling and spawning, environmental parameter data collection, and assisting with non-salmonid fish and wildlife monitoring.

Working Conditions

Approximately 80% of the time in a non-office environment (fieldwork). Travel is required as part of the job certain times of the year. Daily travel to and from field locations is required. Ability to pass a background check to attain security clearance at Bonneville Dam.

Conducting spawning ground surveys by foot or cataraft. Operating, sampling, and tagging salmonids at traps and/or weirs. Installing and removing fish monitoring equipment (weirs and traps). Monitoring, observing, and/or sampling fisheries (commercial and/or sport).

Working outdoors and exposed to hot (day time temperatures >100 degrees at times) and cold (air temps in

low 30's combined with wind speeds >25 mph) conditions and often with wet slippery footing. Must be able to lift (with or without assistance, as needed) large, live fish (typically up to 30 lbs). Repetitively carry loads up to 70 pounds short distances over rough terrain. Walking up to 6 miles per day over rough terrain under adverse weather conditions. Climbing in and out of boats. Must accurately record repetitive data under adverse environmental conditions for long work hours. Sampling spawned out salmon carcasses with very strong odors.

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.

QUALIFICATIONS:

Graduation from high school or GED, including one year of high school science and two years of experience as a Scientific Technician 1. **OR** Graduation from high school or GED including one year of high school science and two years of laboratory or field experience as an assistant to a biologist, chemist, or zoologist. **OR** Two years or more of college course work involving a major study in biology, zoology, fisheries, chemistry, natural resources, or closely allied field.

Preferred candidate will have work experience in the following areas:

Ability to identify and handle adult salmonids
Knowledge of adult trapping techniques including resistance board weirs
Knowledge of fish marking/tagging techniques and protocols
Ability to do basic functions in MS Excel and Access
Knowledge of CWT detector operation
Ability to work alone and/or with others
Physical ability to repetitively carry loads up to 70 pounds short distances over rough terrain.

Ability to operate handheld GPS and data logger devices
Ability to attain basic CPR/First Aid certification.

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 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. 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.

Please note that initial screening will be solely based on the completeness of application materials submitted and the contents and completeness of the **“work experience”** section of your application in NeoGov. A resume will not substitute for the “work experience” section of the application. The information provided in your application must support your selected answers in the supplemental questions. Responses not supported in your application may disqualify you from consideration for employment in this position. All information will be verified and documentation may be required.

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.

Career Seasonal Scientific Technician 2 *04814-14 Supplemental Questionnaire

- * 1. Have you ever been convicted of a misdemeanor or felony within the last ten (10) years?
 Yes No

- * 2. Do you have 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

- * 3. Do you have work experience identifying and handling adult salmonids?
 Yes No

- * 4. Do you have working knowledge of adult trapping techniques including resistance board weirs?
 Yes No

- * 5. Are you familiar with fish marking/tagging techniques and protocols?
 Yes No

- * 6. Do you have working knowledge of CWT detector operation?
 Yes No

- * 7. Are you able to operate handheld GPS and data logger devices?
 Yes No

- * 8. Do you have the physical ability to repetitively carry loads up to 70 pounds short distances over rough terrain?
 Yes No

- * 9. Are you able to attain basic CPR/First Aid certification?
 Yes No

- * 10. Are you able to pass a background check to attain security clearance at Bonneville Dam?
 Yes No

- * 11. Are you able to work alone and/or with others?
 Yes No

- * 12. (DFW) Select the answer below that best describes your experience with Microsoft Excel 2007.
 - Beginner (little or no experience, but interested and willing to learn)
 - Developing (working knowledge)
 - Skilled (working knowledge, uses software frequently)
 - Expert (exceptional knowledge, recognize as expert user)
- * 13. (DFW) Select the answer below that best describes your experience with Microsoft Access 2007.
 - Beginner (little or no experience, but interested and willing to learn)
 - Developing (working knowledge)
 - Skilled (working knowledge, uses software frequently)
 - Expert (exceptional knowledge, recognize as expert user)
- * Required Question