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

Career Seasonal Scientific Technician 2  
*04839-15*

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

**OPENING DATE:** 05/21/15

**CLOSING DATE:** 05/31/15 05:00 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](http://www.wdfw.wa.gov)

This recruitment is for (2) two 9-month permanent full-time Career Seasonal Scientific Technicians in the Fish Program, Science Division. The duty station for these positions is located at 201 N. Pearl St., Ellensburg, WA, 98926. The employment season for these positions is April thru October.

These 9 month career seasonal scientific technician 2 positions will provide field data collection and data entry for the Yakima Steelhead VSP Project. The positions support the agency mission by conducting sound science to fill critical data gaps that can be used to inform management. The positions are 100% federally funded under contracts with the Bonneville Power Administration.

**DUTIES:**

Data Collection

Tasks include:
Collect fish for tagging studies using a variety of methods including back pack electrofishing, hook and line, drift boat electrofishing, snorkeling, and trapping methods. PIT tag rearing salmonids following established protocols. Collect, organize, and manage genetic tissue and scale samples.

Data Analysis and Management

Tasks include:
Download and manage PIT tag data associated with tagging studies. Proof and manage PIT tag data in relational databases and upload/share with regional databases following standard protocols. Conduct PIT tag data tracking/cohort tracking exercises as instructed by senior staff.

**Infrastructure Maintenance**

**Tasks include:**
Conduct periodic preventative maintenance and repairs on instream PIT tag detection equipment including: installing multiplexer antennas, allflex style antenna fabrication and installation, multiplexer and allflex reader troubleshooting, and electrical system diagnosis/troubleshooting and repair.

**Fish Ageing**

**Tasks include:**
Assist reading salmonid scales and assigning ages to yearlings and subyearlings

**Other Duties As Assigned**

**Tasks include:**
Conduct other duties as assigned by senior staff and agency management.

**Working Conditions**

Work schedule is 7:00am-5:30pm Monday-Thursday. The majority of this position’s work is conducted in a field setting, in adverse conditions, both day and night. Much of the work is conducted instream carrying heavy loads under slippery uneven terrain. There may also be extended periods of boat or raft electrofishing in large rivers both day and night. There will be extended periods of handling uncooperative salmonids holding sharp tagging needles. There may be long periods of lab work using microscopes or microfiche readers and long periods of data entry and/or analysis sitting at a desktop computer. Lastly, there may be limited electrical and liquid propane equipment troubleshooting and repair, and 90lb jackhammer operation in the stream during antenna installations.

**Equipment responsible for:** Portable PIT tag readers, multiplexing PIT tag readers, allflex boards, PIT tag injection needles, VIE tag injectors, driftboat electrofishers, raft electrofishers, backpack electrofishers, electronic balances, 90lb jack hammer and associated compressor, compound microscope, microfiche reader, thermoelectric generators, personal computer

**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.

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 science classes.

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.

**Preferred candidate will have work experience in the following:**

Must be able to carry 60 pounds in the stream environment for extended periods.
Must have ability to work in remote locations in inclement weather.
Extensive knowledge of historic and present sampling index sites within the upper Yakima and Naches river basins.
Ability to readily identify all native fish taxa in the Yakima Basin including Cottid, Catistomid, Cyprinid, and Salmonids to species level.
Proficient use and capture of fish using backpack electrofishers, and experience driftboat electrofishing both day and night, and snorkeling.
Knowledge of methods used to estimate stream fish abundance.
Proper care and handling of fishes and PIT tagging and VIE tagging experience.
Familiarity with fish ageing techniques.
Experience installing and conducting O&M on instream PIT tag arrays, and power systems

**SUPPLEMENTAL INFORMATION:**
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.

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 *04839-15 Supplemental Questionnaire**

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

* 3. Are you willing to work in Kittitas County?
   - [ ] Yes
   - [x] No

* 4. Are you willing to work nights and weekends and holidays?
   - [ ] Yes
   - [x] No

* 5. Are you willing to travel for multiple days?
   - [ ] Yes
   - [x] No
6. Select the type of biological sampling and fish sampling techniques you have performed:
   - Trapping
   - Hook and line methods (angling, set lines)
   - Entanglement methods (including gill netting)
   - Entrapment methods (including seining)
   - Drift boat electrofishing
   - Backpack electrofishing
   - PIT tagging
   - Genetic sample collection
   - Scale sample collection

7. Select the fish taxa you have experience working with:
   - Salmonids
   - Sculpins
   - Minnows
   - Suckers
   - Lamprey

8. Select answer that best describes your experience collecting and storing genetic samples taken from riverine fishes:
   - None but willing to learn
   - Some (collect and store <100)
   - Much (collect and store > 100-5000)
   - Extensive (collect and store >5000)

9. Select the answer that best describes your experience driftboat electrofishing large rivers at night.
   - None, but willing to learn
   - Some (occasional or intermittent)
   - Much (seasonal or regular use)
   - Extensive (years of experience training and leading)

10. How much experience do you have working with Relational Databases?
    - None
    - Some (entering data)
    - Much (entering data, developing queries, forms, reports)
    - Extensive (development, design, and training others)

11. How many fish have you injected with Visual Implant Elastomer Tags?
    - None
    - <100
    - 100-1000
    - >1000

12. Select answer that best describes your experience performing preventative maintenance and troubleshooting/repair with Thermoelectric Generators (TEG).
    - Never have seen ine but interested in learning
    - Have seen one but have never worked on one
    - Installed/conducted routine maintenance
    - Involved with troubleshooting and maintenance

13. Select answer that best describes your experience installing and maintaining instream PIT tag interrogation systems:
    - Never but interested in learning
    - Familiar with equipment but inexperienced in installation and maintenance
    - Experienced in installations and maintenance
    - Expert in designing, installing, and troubleshooting
* 14. Do you have experience installing and maintaining jackhammers, and experience installing/maintaining various power supplies (solar, thermoelectric, and grid power).
   - Yes
   - No

* 15. Select answer that best describes your experience operating a backpack mounted electrofisher.
   - None but willing to learn
   - Developing (little or intermittent use)
   - Skilled (applied experience)
   - Expert (extensive experience and ability to lead and train others)

* 16. How many fish have you personally tagged using PIT tagging equipment?
   - <100
   - 100-1000
   - 1000-5000
   - >5000

* Required Question