

State of Washington  
 Dept. of Fish and Wildlife  
 invites applications for the position of:  
**SCIENTIFIC TECHNICIAN 2 \*03331H**

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

**SALARY:** \$2,426.00 - \$3,041.00 Monthly

**OPENING DATE:** 03/28/13

**CLOSING DATE:** 04/08/13 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.

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.

The Department of Fish and Wildlife is recruiting to fill one full-time non-permanent Scientific Technician 2 position located in the Habitat Program. The duty station is in the Natural Resources Building, Olympia, Thurston County. This position is responsible for collecting, and analyzing data and samples associated with nearshore habitat and forage fish spawning beaches in support of the WDFW goal of protecting, restoring, and enhancing fish and their habitats.

The position duration is approximately 6 months, with anticipated start date of 15 April, 2013. The work will typically be Monday through Friday, 40 hours per week, but applicants must be able and willing to work alternative work schedules including nights and/or weekends, and travel including overnight stays. Employees can expect to have their time split between work in the field, lab, and office.

**DUTIES:**

Primary duties include:

- Assist project scientists in data collection and the implementation of study designs for nearshore and forage fish habitat research and monitoring projects including: conducting surveys to collect physical measurements and biological samples from the nearshore environment.
- Perform laboratory tasks in support of nearshore and forage fish research and monitoring

including: cataloging and maintaining accurate records of samples as they are collected or received, ensuring proper preservation, storage, and handling of samples, laboratory equipment maintenance, analysis of samples including optical microscopy, and supervision of technicians and/or volunteers performing these tasks.

- Perform data management tasks in support of nearshore and forage fish research and monitoring including ensuring that data is collected accurately and efficiently, data entry and QA/QC is completed in a timely manner, preparing data for statistical analysis, assisting with data compilation and summary, performing literature reviews, and assisting with the development of reports and publications.
- Other duties as assigned.

#### **QUALIFICATIONS:**

HS diploma or GED and two years of experience as a Scientific Technician 1 or equivalent. College-level coursework including classes in Biology, Fisheries, Ecology, Geology, or Geography may substitute for up to two years of the required experience. General knowledge of environmental survey methods, experience in fish species identification, and proficiency in MS Word and Excel.

A valid motor vehicle driver's license.

Ability to pass the Washington State Motor Boat Operator Certification Course, if not already successfully completed.

#### **Preferred Qualifications:**

A degree in biology, fisheries, ecology, geology, geography, natural resource science, or environmental science, and a working knowledge of marine nearshore ecosystems and ecology.

Experience collecting and identifying fish embryos and marine invertebrates.

Excellent written and verbal communication skills to communicate knowledge, research needs, and research results.

Technical knowledge of database function and geospatial referencing to effectively organize, manage and use large, complex datasets. Working knowledge of MS Office package and familiarity with ArcMap.

Knowledge and ability to safely operate small craft in marine waters during inclement conditions, as well as vehicles to transport boats.

Knowledge of general laboratory safety procedures.

#### **SUPPLEMENTAL INFORMATION:**

#### **WORKING CONDITIONS:**

- Work extended periods in an office, lab, and field setting collecting scientific data under adverse environmental conditions.
- Carry 50 lbs. over uneven terrain with frequent bending, stooping, and climbing in and out of boats.
- Work hours outside of the regular 8:00 am – 5:00 pm, Monday – Friday work hours, including evenings, weekends, and overnight.
- Travel throughout Puget Sound and the outer Washington coast including long field days and overnight stays.
- Interact with a variety of federal and state biologists as well as landowners to arrange access to private land; must be professional, well-spoken, and non-confrontational.
- Safely operate small craft in marine waters during inclement conditions, as well as vehicles to transport boats.
- Operate standard laboratory equipment including microscopes and follow lab safety procedures.
- Use or learn software programs including ArcMap, EndNote, relational databases, and Microsoft Office including Word and Excel.

#### **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), which contains a "union security" provision. This means that, 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.

## SCIENTIFIC TECHNICIAN 2 \*03331H Supplemental Questionnaire

- \* 1. What best describes your level of education:
  - High school diploma or GED
  - Completed some college coursework in Biology, Fisheries, Ecology, Geology, or Geography.
  - Associate's degree in Biology, Fisheries, Ecology, Geology, or Geography.
  - Bachelor's degree or higher in Biology, Fisheries, Ecology, Geology, or Geography.
  - None of the above
- \* 2. Have you successfully completed college level coursework in biology, fisheries, ecology, geology, or geography? If yes, please provide the course title(s) and whether they included a lab. If no, please enter N/A.
- \* 3. What best describes your experience as a Scientific Technician 1 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
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- 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 wildlife survey or research study?
- Yes    No
- \* 5. Are you willing and able to work in all weather conditions including snow, rain, and extreme heat and over difficult terrain and surfaces?
- Yes    No
- \* 6. Are you willing and able to perform work requiring you to carry up to 50 pounds?
- Yes    No
- \* 7. Do you have experience collecting and/or identifying fish embryos or larvae?
- Yes    No
- \* 8. Do you have experience conducting geology or geographic surveys such as beach profiling?
- Yes    No
- \* 9. What best describes your experience with using a GPS receiver? (check all that apply).
- I have never used either a GPS receiver.
  - I have used a GPS unit to record a geographic position or to navigate to a point.
  - I have used a GPS receiver to collect scientific data in the field.
  - I am proficient at using a GPS receiver, including collection of scientific data in the field.
- \* 10. Please list computer programs you have experience using, especially ArcView and/or Arc/GIS, Microsoft Excel and Word, and any statistical software.
- \* 11. Do you have experience entering data into relational databases such as those created in Microsoft Access?
- Yes    No
- \* 12. Do you have any experience or training in the operation of small motor boats? If yes, please describe or list the type and extent of your boat experience/ training, the type(s) of vessel used, and the type(s) of waters (i.e. large river, inland sea, etc.) you've operated in. If no boat experience, please enter N/A.
- \* 13. Have you ever been convicted of a misdemeanor or felony within the last ten (10) years? (Answering yes will not automatically bar you from employment)
- Yes    No
- \* 14. 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

\* 15. Did you attach your cover letter?

Yes  No

\* 16. Did you attach your resume?

Yes  No

\* 17. Did you list three professional references?

Yes  No

\* Required Question