



PACIFIC STATES MARINE FISHERIES COMMISSION POSITION DESCRIPTION

Title: Fisheries Technician 1- Scale Age Lab (18-1082)

Location: Santa Rosa, CA (95403)

Anticipated Start Date: September 19, 2018

Position Type: Temporary (6 months or less), Hourly/Non-Exempt

Benefits Eligible: No | www.psmfc.org/benefits

Salary Target: \$17.00/hour

Job Number: 18-1082

How to Apply: Online at www.psmfc.org/careers

Closing Date: September 16, 2018 at 11:59pm PT

Position/Project Specifics:

Under the lead of an Environmental Scientist, the Fisheries Technician 1 - Scale Age Technician performs duties related to the collection, processing, and analysis of Chinook salmon scales from hatcheries and carcass surveys in California's Central Valley as well as from fish harvested in California's sport and commercial ocean salmon fisheries.

Duties Include:

- * Reading scales from all four runs of Central Valley Chinook salmon as well as from Chinook harvested in California's mixed-stock ocean salmon fisheries, to determine fish age. The resulting age-specific escapement estimates will be used in cohort reconstructions and the development of sibling regressions. (65%)
- * Preparing, cleaning, and mounting Chinook salmon scales onto microscope slides for the purposes of digital imaging and subsequent age determination. (10%)
- * Capturing images of individual scales using a digital camera attached to a high-powered microscope. Organizing captured images into stock- and river-specific collections. (10%)
- * Recording biological data, retrieving salmon heads for coded-wire tag (CWT) recovery, and collecting scale samples from fish sampled during escapement monitoring at Central Valley hatcheries and in the ocean fishery. Fieldwork may include sampling ocean fisheries and/or inland escapement for CWTs, scales, and tissues. (5%)
- * Recovering CWTs from salmon heads, reading CWT codes utilizing a microscope, and entering CWT codes into project databases. (5%)
- * Performing other CWT lab data entry and validation functions as needed. Assists with other office functions including, but not limited to, data validation, purchasing, tracking daily activities, weekly summaries, and equipment maintenance. (5%)



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**** This position requires a valid driver's license and all offers of employment will be contingent upon passing a driving record check. ****

Essential Functions:

- Collect and organize biological and habitat samples and collections (such as scales, otoliths, ageing structures, other tissues, water quality, etc.).
- Summarize and input biological or habitat data on field forms, electronic data loggers, and/or desktop computers. May assist with preliminary data summaries and analyses, technical report writing, or database management.
- Perform precision ageing of various fish species in a laboratory setting. Record age and growth data in the appropriate format.

Knowledge Required by the Position:

At the lower end of the range, employees use knowledge of basic arithmetic, reading, writing, and data collection to perform routine or repetitive tasks.

At the upper end of the position range, employees use knowledge of the basic principles and protocols of fish biology to make readings, measurements, and observations; execute tests; collect samples, etc. If complex equipment systems are operated, the employee has the knowledge to perform calibrations or adjustments to achieve desired results.

Additional Mandatory Skills:

- *electronic detection technol.*
- *lift 40 - 50 lbs.*
- *valid driver's license*
- *fish ageing (scale, otolith, other)*
- *fish species ID skills*
- *compile and collect neat and accurate data*
- *specific software skills (spreadsheet, word processing, database, GIS, statistical)*
- *oral communication skills*
- *written communication skills*

Physical Demands:

Demands can range from sedentary to moderate --where there is walking, climbing stairs and ladders, reaching, lifting, bending, and strenuous sweeping.

Work Environment:



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A majority of the work is performed in an office/ lab setting with adequate lighting, heating and ventilation.

Minimum Qualification Requirements:

A range of experience and education may be presented. At the lower end of the range, candidates must present six months of General Experience* OR one year of education above the high school level that included at least six semester hours in any combination of scientific or technical courses. An equivalent combination of experience and education is also qualifying.

At the upper end of the range, candidates must present one year of Specialized Experience** OR a 4-year course of study above high school leading to a bachelor's degree with a major or at least 24 semester hours of coursework in any combination of scientific or technical courses. An equivalent combination of experience and education is also qualifying.

*General Experience is (1) any type of work that demonstrates the applicant's ability to perform the work of the position or (2) experience that provided a familiarity with biological sciences or the processes of the biological sciences.

**Specialized Experience is experience that equips the applicant with the knowledge, skills, and abilities to perform successfully the duties of the position and is typically in or related to the work of the position being filled.

Pacific States Marine Fisheries Commission is an Affirmative Action (AA) and Equal Employment Opportunity (EEO) employer and welcomes all qualified applicants. Applicants will receive fair and impartial consideration without regard to race, sex, color, religion, national origin, gender identity, age, mental or physical disability, sexual orientation, veteran status, genetic data, or other legally protected status.

If you have a disability and need assistance completing the application form, you may call the PSMFC human resources office at (503) 595-3100 between the hours of 8 a.m. and 5:00 p.m. PST, Monday-Friday. Reasonable accommodations for interviews will be provided upon request to individuals with disabilities.

We maintain a drug-free workplace.