



PACIFIC STATES MARINE FISHERIES COMMISSION POSITION DESCRIPTION

Title: Fisheries Technician 1- Upper Sacramento Carcass Surveys (18-1119)

Location: Red Bluff, CA (96080)

Anticipated Start Date: December 10, 2018

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

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

Salary Target: \$15.50/hour

Job Number: 18-1119

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

Closing Date: November 30, 2018 at 9pm PT

Position/Project Specifics:

A Fisheries Technician-1 is needed to perform Chinook salmon carcass surveys on the Upper Sacramento River and its tributaries. Data from these surveys will be used to produce a population estimate for Chinook salmon. During surveys technicians will collect biological samples from salmon including: fork length, sex, scales, otoliths, spawn status, and heads for coded wire tag recovery.

On the mainstem of the Upper Sacramento River carcass surveys are performed by boat. Experience towing and operating jet boats is desired. There will also be kayak and hiking carcass surveys performed on the tributaries of the Upper Sacramento River. Safe operation of jet boats, kayaks, and catarafts is required. Technicians must record data accurately and efficiently. Tools used on carcass surveys include spear poles, knives, machetes, chopinators, gaffs, and secchi discs. Daily maintenance of all equipment is required. Technicians will perform carcass surveys in all weather conditions i.e. rain, wind, cold, and extreme heat.

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

Essential Functions:

- Participate in survey crews that conduct regional fishery presence/absence research, recreational/commercial fishing surveys, anadromous fish escapement surveys (carcass, redd, trap/weir, snorkel, etc.), or tag detection and mark recovery surveys. Make standardized observations such as species identification, length, weight, behavior, growth, survival, reproductive condition, and/or signs of parasites, diseases or pathogens, fin clips or tags.
- Collect and organize biological and habitat samples and collections (such as scales, otoliths, ageing structures, other tissues, water quality, etc.).
- Make regular facility inspections including tag interrogation equipment. Record findings and adjustments made. Respond appropriately and immediately to emergencies.



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- 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.

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:

- *trap/weir*
- *carcass and redd surveys*
- *electronic detection technol.*
- *able to swim*
- *lift 40 - 50 lbs.*
- *load boats on trailers*
- *tow & maneuver trailers*
- *valid driver's license*
- *operate motorized boats*
- *operate non-motorized boats*
- *operate GPS*
- *fish species ID skills*
- *operate handheld data recorder*
- *compile and collect neat and accurate data*
- *specific software skills (spreadsheet, word processing, database, GIS, statistical)*
- *oral communication skills*
- *written communication skills*
- *construction, fabrication and installation skills*
- *repair & maintain equipment*

Physical Demands:

Demands can range from moderate --where there is walking, climbing stairs and ladders, reaching, lifting, bending, and strenuous sweeping-- to rigorous. In the latter case, the incumbent must be able to handle buckets of water or gear weighing up to 50 pounds. Long daily periods of hiking, carrying equipment, swimming, and/or standing may be required. Camping out for extended periods may be required. Some work requires the ability to maintain footing in fast-moving water.



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Work Environment:

A portion of the work is performed in an office setting with adequate lighting, heating and ventilation. The majority is performed in fish processing labs, fish holding areas, and/or in the field. Incumbents may work on narrow, elevated walkways and platforms that are over or adjacent to water. Field work involves exposure to all types of weather, slippery rocks, trails, irregular terrain, insects, poison oak, rough or fast-moving water, or cold water temperatures. Work at high elevations or aboard boats may be required.

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 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, age, disability, 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.



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