



PACIFIC STATES MARINE FISHERIES COMMISSION POSITION DESCRIPTION

Title: Fisheries Technician 1- Central Valley Steelhead Monitoring (19-1161)

Location: Sacramento, California (95628)

Anticipated Start Date: September 16, 2019

Position Type: Seasonal (11 months or less), Hourly/Non-Exempt

Benefits Eligible: Yes | www.psmfc.org/benefits

Salary Target: \$16.00/hour

Job Number: 19-1161

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

Closing Date: August 25, 2019 at Midnight PT

Position/Project Specifics:

This position is Seasonal Fisheries Field Crew (11 months or less) for the Central Valley Steelhead Monitoring Program (CVSMP) based in Sacramento, CA. Under direct supervision of Lead Biologists/Crew Leaders, Seasonal Fisheries Technicians will assist with daily field data collection activities. Data collection will occur seven days a week. Positions will obtain scientific information to examine the distribution, abundance, and population trends of Central Valley (CV) steelhead trout in the Sacramento River watershed by using mark-recapture methods with large-wire fyke traps on the mainstem Sacramento River.

The position requires working on 25ft long motorized watercraft. Motorboat operator and safety training will be provided.

Duties and responsibilities include:

- Operate and maintain large wire fyke traps
- Operate and maintain motorized watercraft and 4wd vehicles
- Handle, anesthetize, tag, and collect biological samples from adult steelhead trout
- Assist with installation, operation, and maintenance of PIT tag antenna arrays
- Assist with data entry and QAQC of all data
- Candidate must be willing and able to work long hours on motorized watercraft, on rough/uneven terrain, and in adverse weather conditions.
- A flexible schedule and the ability to work weekends is mandatory

**** 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



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- 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.).
 - 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:

- *mark fish*
- *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*
- *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



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equipment, swimming, and/or standing may be required. Some work requires the ability to maintain footing in fast-moving water.

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 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 p.m. PST, Monday-



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Friday. Reasonable accommodations for interviews will be provided upon request to individuals with disabilities.

We maintain a drug-free workplace.