



PACIFIC STATES MARINE FISHERIES COMMISSION POSITION DESCRIPTION

Title: Fisheries Technician 2- Rotary Screw Traps and Spawning Surveys (19-1071)

Location: McCall, Idaho (83638)

Anticipated Start Date: May 6, 2019

Position Type: Full Year, Full Time, Hourly/Non-Exempt

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

Salary Target: \$18.25/hour

Job Number: 19-1071

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

Closing Date: February 28, 2019 at midnight

Position/Project Specifics:

Fisheries Technician II in Charge of Rotary Screw Traps, Snorkeling, and Spawning Ground Survey crews. Stationed in McCall, Idaho.

Incumbent joins the Wild Salmon and Steelhead monitoring crew tasked with monitoring and evaluating Idaho's anadromous salmonid populations. The primary duties of this position are: a) Operate and oversee a crew operating rotary screw traps on the South Fork Salmon River and in the Frank-Church Wilderness Area (40% of time) b) Conduct and lead a crew conducting snorkel surveys to enumerate salmonids in remote areas for up to 8 days at a time (40% of time) c) Organize and conduct spawning ground surveys to count chinook salmon redds (10% of time) d) Organize and lead a crew in angler surveys (10% of time). This position will oversee a snorkel crew (6 individuals) and trap tenders (4 individuals).

Schedule is variable based on duties and time of year. During the field season, incumbent will generally work 8 days on, 6 days off, with the 8 days being conducted mostly in the field. Variability in this schedule is likely. Working 50% or more weekends is necessary. Schedule is fairly flexible during winter months. Position is full-time, with a contract lasting one year that is likely to be extended from year-to-year.

This position will include daily driving on backcountry and mountain roads.

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

Essential Functions:

- Lead and participate in survey crews that conduct fishery presence/absence research, recreational fishing surveys, anadromous fish escapement surveys (carcass, redd, trap/weir, snorkel, etc.), or tag detection and mark recovery surveys. Make standardized observations such



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as species identification, length, weight, behavior, growth, survival, reproductive condition, fin clips or tags, and/or signs of parasites, diseases or pathogens.

- Lead crew in regular facility inspections including, for example, dewatering equipment, pumps, flumes, gates, tanks, screens, filters, gatewells, and/or tag interrogation equipment. Respond appropriately and immediately to emergencies.
- Lead crew in watershed and stream assessments and habitat surveys. May include stream habitat inventories (channel typing, habitat typing, woody debris, etc.), road inventories, and riparian inventories.
- Update database by entering, checking, and/or editing biological or habitat data that has been inputted on field forms, electronic data loggers, and/or desktop computers. Maintain, organize and provide access to databases. Write memoranda and short reports for transfer of data. Produce summaries including corrections. Produce presentation quality tables and graphs of data.
- May assist with preliminary data summaries and analyses, or technical report writing.

Knowledge Required by the Position:

- Knowledge of fishery biology (including knowledge of particular species of fish).
- Knowledge of fish husbandry.
- Knowledge of aquatic habitats.
- Knowledge of the scientific method.
- Knowledge of sampling protocols.
- Knowledge of personal computer applications such as word processing, spreadsheets, e-mail, publishing software, presentation software, database software, topographic software, bibliographic software, and statistical analysis packages.
- Knowledge of technical writing protocols.
- Knowledge of basic math.

Employees have the knowledge to resolve common technical or procedural problems for themselves or their work crew. They are able to assess or interpret the significance of their results and relate that to the overall objective of the project. They have the knowledge to outline, organize and execute the details of projects where unusual or irregular procedural or technical problems arise

Additional Mandatory skills:

- *able to swim*
- *lift 40 -- 50 lbs.*
- *valid driver's license*
- *hiking*
- *camping*
- *operate GPS*
- *fish species ID skills using fish keys*
- *compile and collect neat and accurate data*
- *specific software skills (spreadsheet, word processing, database, GIS, statistical)*



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- *oral communication skills written communication skills*
- *repair & maintain equipment*

Additional Desirable Skills:

- *snorkeling*
- *scuba diving*
- *repair nets (seine, gill, etc.)*
- *trap/weir*
- *mark fish*
- *perform creel census*
- *carcass and redd surveys*
- *load boats on trailers tow & maneuver trailers*
- *operate motorized boats*
- *operate non-motorized boats*
- *field cooking skills*
- *CPR/First Aid*
- *survival training*
- *research land ownership*
- *literature search/review*
- *fish ageing (scale, otolith, other)*
- *operate handheld data recorder*
- *construction, fabrication and installation skills*

Physical Demands:

Demands can range from moderate-including walking, climbing stairs and ladders, reaching, lifting, bending, and strenuous sweeping-to rigorous. In the latter case, the employee 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 or living at sea in vessels with minimal amenities for extended periods 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, fish processing plants, 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, research vessels, or commercial fishing vessels may be required.

Minimum Qualification Requirements:



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A range of experience and education may be presented. At the lower end of the range, candidates must present one year of Specialized Experience** OR one semester of graduate education that is directly related to the work of the position. 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 year of graduate education that is directly related to the work of the position. An equivalent combination of experience and education is also qualifying.

**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. To be creditable, Specialized Experience must have been equivalent to at least the next lower level in the normal line of progression for the position being filled.

Preferred degrees of study in fisheries, natural resources, or related field.

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.