



## PACIFIC STATES MARINE FISHERIES COMMISSION POSITION DESCRIPTION

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### **Title: Fisheries Technician 1 - Groundfish Catch Monitoring (19-1125)**

**Location:** Eagle, ID (83616)

**Anticipated Start Date:** June 3, 2019

**Position Type:** Full Year (12 months or more), Hourly/Non-Exempt

**Benefits Eligible:** Yes | [www.psmfc.org/benefits](http://www.psmfc.org/benefits)

**Salary Target:** \$12.78-\$20.87/hour, DOE

**Job Number:** 19-1125

**How to Apply:** Online at [www.psmfc.org/careers](http://www.psmfc.org/careers)

**Closing Date:** May 20, 2019 at midnight (PT)

### **Position/Project Specifics:**

Applicant will assist Fisheries Research Geneticists with all aspects of RAD and GTseq library preparation for the Illumina NextSeq platform. The applicant will also receive instruction and assist with post-sequencing bioinformatics workflow, including genotyping and SNP calling. Additional duties will include organizing, and inventorying fish genetic samples and collections, conducting genetic laboratory analyses, including quantitative PCR and SNP genotyping. The position may assist with data management, analyses and technical report writing. The position may occasionally assist with genetic sampling at hatcheries.

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

**Essential Functions:** (The functions listed below are characteristic of the type and level of work associated with this group and pay band. They are not all-inclusive. Individual positions may perform some or all, as well as other similar work.)

- 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.).
- Support captive fish rearing activities including spawning, incubating, feeding, sampling, sorting, handling, medicating, anesthetizing, and transporting fish. Monitor the status of facility systems and equipment. Assist in development, fabrication, construction, and maintenance of systems.
- 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.



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### **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:**

- *lift 40 - 50 lbs.*
- *valid driver's license*
- *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 sedentary to moderate --where there is walking, climbing stairs and ladders, reaching, lifting, bending, and strenuous sweeping. Long daily periods of standing may be required.

### **Work Environment:**

A majority of the work is performed in an office or laboratory setting with adequate lighting, heating and ventilation. A portion may be 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.

### **Minimum Qualification Requirements:**

Preference will be given to those applicants that have completed a B.S. degree from 4-year University by June 30th, 2019 and have:

- Experience conducting genetic laboratory analyses DNA extraction, and microsatellite and SNP genotyping. This includes working experience with Fluidigm SNP genotyping, Restriction Site Associate DNA (RAD) sequencing, and/or GTseq genotyping
- Experience with collecting, organizing, and inventorying fish genetic samples and collections. This includes direct working experience with Access and/or Progeny databases.



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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.

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

We maintain a drug-free workplace.