



10,000 years in our Traditional Homeland, Prince William Sound, the Copper River Delta, and the Gulf of Alaska

DENR Fisheries Biologist I (Seasonal)

This is a mid-level fisheries biologist position within the Native Village of Eyak Tribal Government's Department of the Environment and Natural Resources, working on established fisheries projects in a remote wilderness setting. This position supports principal investigators in successfully conducting salmon research and population monitoring used for state and federal fisheries management. The majority of work will be conducted outdoors while stationed at remote field sites in the Copper River watershed and Prince William Sound. Travel, fieldwork, and off-grid living are required. The Biologist will supervise the collection of scientific data following established protocols, lead a field crew of up to four fisheries technicians, communicate daily with offsite project management, ensure site safety and remote communication protocols are adhered to, and assist project management in assessing data quality and data sharing. 2024 fisheries projects include estimating the in-river abundance of Copper River Chinook salmon, system-wide distribution and run timing of Copper River Sockeye salmon, Klutina River salmon sonar project, and Eshamy Creek salmon weir. Recruitment for all field sites occurs through this announcement. Multiple positions are available with schedules dependent upon site assignment: late April-July, June-August, and July-August. Food and lodging are provided during training and fieldwork.

The incumbent performs a variety of routine work within established policies and procedures and receives detailed instructions on new projects and assignments.

Team: DENR

Reports to: Natural Resources Coordinator

Salary Status: Non-Exempt from Overtime

Salary Range: \$25.00-\$34.00/hr. DOE

Schedules: Temporary, Full Time,

Late April - July (or) June - August

Responsibilities/Duties

- Lead a research team to work safely and effectively as a group.
- Collect reliable and accurate data following established protocols.
- Safely navigate vessels on the Copper River.
- Live and work at a remote Alaskan field camp continuously for up to three months.
- Identify repairs and help maintain an operational remote field site including building maintenance, boat maintenance, and fish trap maintenance.
- Operate research fishwheels or a fish trap for capturing and tagging adult salmon.
- Successfully identify adult Pacific salmonids to species level at any point in their metamorphosis from ocean-phase to spawning-phase.
- Lead a crew to accomplish the following sampling activities; apply PIT tags and collect biometrics on adult Copper River Chinook salmon and/or; apply esophageal radio tags, and collect biometrics, fat content, and genetic samples on Sockeye salmon and/or; oversee the operation of multi-beam fish imaging sonar and/or; enumerate salmon passage and collect biometrics at a weir.



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- Assist with telemetry tracking and receiver operation.
- Assist with Tribal Youth education and Tribal Elder site visits as needed.
- Identify regional flora/fauna.
- Logistical support including, but not limited to, helicopter sling loading, purchasing gear and supplies, assessing and reporting field conditions, determining points of access/egress to remote sites, participating in safety briefings, camp mobilization/demobilization, camp operation and maintenance, oversee remote communications protocols of the field site.
- Other duties as developed and assigned.

Competencies/Knowledge/Skills/Abilities

The incumbent must have: the ability to take direction from off-site supervisors and work in a team environment; the ability to lead a diverse crew in a remote environment while maintaining camp safety and team morale; ability to live and work harmoniously with a small group of peers in a tobacco/drug/alcohol-free environment; ability to work well in a remote environment with minimal privacy and limited communication resources; ability to work for long hours over difficult terrain in inclement weather; proficiency in carrying firearms as a bear deterrent; knowledge and skills to operate a variety of power boats with a high level of competence, swift water boating experience is preferred; ability to safely operate boats single-handed or safely laden with personnel, gear, and/or equipment; ability to properly maintain engines, boats, tools and equipment; ability to do basic troubleshooting, and make field repairs to mechanical and electrical equipment including outboard motors, generators, computers, alternative energy systems, appliances, etc. Must have a knowledge of basic power tool operation and the ability to complete work safely and efficiently using power and hand tools. Must have strong knowledge of The Scientific Method, with an emphasis on techniques for aquatic biological research and analysis; strong research, writing and verbal communication skills, including experience with data quality assurance/quality control, scientific report writing, and proposal writing; Strong computer literacy, including working knowledge of Microsoft Word, Excel, PowerPoint, GIS, statistical software, internet browsing and email applications. Must have the physical ability to work long hours outdoors, with strength, endurance, and patience to continually lift and carry very heavy objects over uneven terrain routinely.

Experience Requirement Required

Minimum two years' experience with remote field research, hands-on sampling, and rigorous scientific data collection. Must have boat operation proficiency. Must have experience supervising subordinate technicians or extensive remote field work experience that clearly demonstrates progression of skills required to lead a remote field site.

Preferred

Three months or more working at remote Alaskan field sites, building, maintaining and operating sampling gear, fish tagging, collecting biometric data and collecting specimens, aquatic invertebrate sampling, aquatic plant sampling, plankton sampling, water quality sampling, water



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gauging. Experience with fisheries/wildlife research, including trapping and handling of large fish, mammals and birds, collecting specimens, telemetry, and identifying Alaskan mammals and birds; Professional experience working in remote locations in the Alaskan outdoors; Experience working with Alaskan Tribes, and knowledge of subsistence resources.

Education Requirement

M.S. in a closely related scientific field with experience working on complex research projects in remote areas, OR B.S. with 2+ years' experience leading and managing complex remote research in closely related fields.

Performance Standard

The position requires a considerable amount of physical activity while conducting fieldwork, including hiking and climbing over difficult terrain and the position requires that applicants are in sufficient condition to perform these physically demanding tasks. The use of hand, eye and muscle coordination to safely operate boats, power and hand tools is required.

Environmental Factors

Possibility of remote/cold water survival situations. Work will include exposure to severe weather (heat, cold and wet), hazards associated with power tools, hazards associated with traps to collect fish and wildlife, and working in areas containing large predators. Work may be conducted in remote settings, on technical rivers, marine habitats, rainforests, glaciers, and/or snowpack, near frozen rivers and lakes, wetlands, and in office settings. This position entails risks of injury from using power tools and operating small boats on swift water as well as normal risks of physical labor done in the remote outdoors.

Disclaimer

Nothing in this job description restricts NVE's right to assign or reassign duties and responsibilities to this job at any time. By signing below, I acknowledge receipt of this job description and that my supervisor has discussed it with me.

Employee Signature Date

Supervisor Signature Date

Team Leader Signature Date