POSITION: Professional Engineer

SALARY: $63,273.60 - $89,044.80, DOE

REPORTS TO: Fish & Wildlife Anadromous Habitat Biologist IV

LOCATION: Omak, WA

BASIC FUNCTIONS OF WORK: This is an exempt position. The Professional Engineer provides engineering support to the Fish & Wildlife Department in the areas of planning, designing, permitting and overseeing construction, monitoring and evaluation on a variety of projects related to the rehabilitation, protection and enhancement of fish and wildlife habitat. Duties include conducting project development, alternatives analysis, hydrological studies and providing engineering support to wetlands and stream restoration projects. The incumbent uses advanced knowledge to design and oversee construction of projects directed at improving fish habitat conditions, these include but are not limited to bridges, culverts, weirs, jump pools, baffles, inverted vortex weirs, j-hook veins and other in-stream structures. The incumbent develops and evaluates fish passage design alternatives, assesses costs, material, equipment needs and proposed construction methods. The incumbent would be required to work cooperatively as well as provide direction to construction contractors “on the ground” to ensure compliance to design drawings. This position requires the incumbent to work cooperatively on interdisciplinary and interagency teams including fisheries biologists, ecologists and environmental planners in the office and field environment. Position may supervise one or more Engineers in Training.

MINIMUM QUALIFICATIONS

Education and Training:
- BS Degree in Professional Engineering from ABET certified school; AND possess a current State of Washington Professional Engineer License, and bondable; AND a minimum of sixty (60) months of related experience in riverine hydrology and hydraulics, stream restoration and fish passage design projects; OR
- Master’s Degree in Professional Engineering from ABET certified school; AND Current State of Washington Professional Engineer License, and bondable; AND a minimum of forty-eight (48) months of related experience in riverine hydrology and hydraulics, stream restoration and fish passage design projects.
- Must possess or obtain a license to practice in British Columbia within 24 months after date of hire.
- Must possess and maintain a Washington State Driver’s License and be eligible for the Tribe’s vehicle insurance.
- Must provide transcripts for accredited educational institution/university.
- Must be willing and able to travel for meetings, training and conference participation, as needed.
- Must be willing to work extended hours, as work depicts.
- Must be able to clear a criminal background inquiry and maintain throughout employment.

Knowledge, Skills & Abilities:
- Knowledge of stream hydraulics; surveying stream reaches or potential project sites and modifying existing conditions which result in improved fish production.
- Knowledge of the removal of or comprising barriers to fish passage, stabilizing a stream bank, constructing a spawning channel, etc.
- Knowledge of standard surveying techniques, including Trimble RTK units and ArcGIS data processing to support hydrologic and hydraulic modeling of riverine systems.
- Knowledge of numerical hydraulic models to evaluate stream hydraulic characteristics, fish passage alternatives and potential flood impact.
- Knowledge of CAD and other tools to create design drawings for fish passage barrier remediation projects and fish habitat enhancement projects.
- Knowledge of anadromous and resident fish behavior including passage requirements.
- Knowledge of environmental regulations and the state and federal permitting processes.
- Knowledge of the use of computers and Microsoft Office software as well as other related software.
Knowledge, Skills & Abilities, cont'd:
- Ability to initiate plan and design habitat improvement projects and determine extent and type of information needed.
- Ability to accurately interpret results of research findings and incorporate the findings into habitat restoration plans and analyze environmental information to apply solutions, guidelines, and policy to field problems.
- Ability to analyze complex situations relating to hydrology systems and site planning, including bridges, culverts and other in-stream structures.
- Ability to communicate effectively in-person, in writing and on the telephone with co-workers, outside agencies, tribal personnel, and the general public.
- Ability to collaborate effectively with outside agencies in the development of habitat projects.
- Ability to accomplish assigned duties and tasks independently with minimal supervision;
- Ability to demonstrate organizational skills with ability to handle multiple tasks and meet deadlines.
- Ability to supervise employees.
- Strong project management and coordination skills which includes quality control and quality assurance measures.
- Demonstrated experience in hydraulic and hydrologic modeling of riverine systems, including experience with HEC-1, HEC-2, HEC-MNS, HEC-RAS, TR-20, AND SWMM models.

Pursuant to CCT Policy, this position is subject to post-accident and reasonable suspicion drug testing.

TRIBAL MEMBER AND INDIAN PREFERENCE APPLY; PREFERENCE IS GIVEN TO HONORABLY DISCHARGED VETERANS MINIMALLY QUALIFIED IN EACH PREFERENCE CODE.

TO APPLICANTS: APPLICATIONS MUST HAVE A VALID EMAIL ADDRESS LISTED ON THE FRONT PAGE OF THE APPLICATION SUBMITTED FOR THIS POSITION. All supporting documentation must be received by the closing date (certifications, references, copy of valid driver's license, college transcripts, etc.) to be considered for the position.

CLOSING DATE: Open until filled. First review of applications will be Friday, June 27, 2014. For consideration in this review, applications and supporting documents must be received in the Human Resource Office by Friday, June 27, 2014 by 4:00 p.m. Pacific Standard Time, or be postmarked by that date. CCT Applications can be downloaded on our website at: www.colvilletribes.com. We accept all applications/supporting documentation via fax, FedEx, scan/e-mail, and standard mail to the following address:

INFORMATION: Confederated Tribes of the Colville Reservation
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