



QENTOL, YEN / WSÁNEĆ Marine Guardians

(Marine Division of the WSÁNEĆ Leadership Council)

WSÁNEĆ Leadership Council - QENTOL, YEN / WSÁNEĆ Marine Guardians Job Opportunity

Job Description: Southern Resident Killer Whale (SRKW) Marine Biologist

Date Posted: Friday, August 5th, 2022

Closing Date: Friday, August 26th, 2022

JOB DESCRIPTION

As an organization focused on self-determination, the WSÁNEĆ Leadership Council (WLC) works to enhance recognition of, and respect for, WSÁNEĆ Douglas Treaty rights and WSÁNEĆ Aboriginal rights and title on behalf of Tsartlip First Nation, Tsawout First Nation, and Tseycum First Nation.

The QENTOL, YEN / WSÁNEĆ Marine Guardians program is looking to hire a Southern Resident Killer Whale (SRKW) Marine Biologist fulltime. The SRKW Marine Biologist will work under the direction of the Southern Resident Killer Whale Senior Manager. The Marine Biologist will work on three specific areas already set out: Habitat Monitoring, Baseline Monitoring and Compliance Monitoring.

Habitat Monitoring, will require assessing the condition of habitats, and the effects of human activity on Southern Resident Killer Whale by monitoring our salmon bearing streams around Goldstream and surrounding areas. You will work with our guardians on conducting herring monitoring and enhancement projects to lead to the conservation of salmon populations and ecosystem health due to their ecological importance.

Baseline Monitoring, will be required to calculate population data of various marine mammals to inform marine policy and management on such matters as:

- Population of Salmon running Goldstream through using fish counters
- Population data on pinnipeds and cetaceans.
- Identifying whales other than SRKW through photography can be a long-term study and can be easily implemented starting in the first year of having the Guardians on the water
- Quantifying resource extraction industries such as recreational and commercial fisheries to inform marine policy and management
- And various other baseline monitoring



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Compliance Monitoring will be comprised of two areas On-water Monitoring & Land base Monitoring. These two types of monitoring aspect will require data collection on various areas that have been identified. The person will train and work with our Guardians on data collection protocols, monitor large and small vessels in key SRKW areas/high vessel density areas with the goal of understanding stressors such as risk of vessel strike, noise pollution, and physical disturbance.

On-water Monitoring will be monitoring small vessel traffic (commercial and recreational whale watching) around marine mammals to assess levels of compliance to marine mammal regulations and vessel impacts.

- Training Guardians on Marine Mammal Distance Regulations, how to identify different marine mammal species, killer whale ecotypes. Understanding a broad overview of marine life and appropriate vessel behaviors around whales
- Training Guardians on data collection protocols: how to take whale Identification photo identification shots, use laser range finders to determine other vessel distances/ compliance to regulations, use GPS, use VHF channel
- Find ways to educate boaters who are watching whales about the MMDR

Land-based monitoring

Purpose: Monitor large and small vessels in key SRKW areas/high vessel density areas with the goal of understanding stressors such as risk of vessel strike, noise pollution, and physical disturbance.

- Land based cameras with collaboration with CORAL group and ECCC. These cameras can be put in high vessel traffic areas, and SRKW travel routes
- Opportunities for integration of other data sources i.e., Hydrophones situated in critical SRKW habitat areas/ highly frequented travel areas, infrared cameras, drone surveys, aerial surveys etc.



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- Opportunities for collaboration with other groups i.e., SIMRES, JASCO, Transport Canada, NASP, DFO etc.,

This role is a combination of fieldwork, compiling data and reporting and stewardship outreach, and teamwork while collaborating and supporting projects as outlined.

The successful candidate will work as a member of our QENTOL, YEN / WSÁNEĆ Marine Guardians, while fulfilling existing and upcoming project obligations and provide monthly reports. This person will have incorporated a knowledge of aquatic technical expertise in the marine environment, excellent time management skills, and a deep understanding on different aspects of marine life, including the process of marine development, and in addition strong client relationships skills. The person who accepts this role will have to be highly organized, with attention to detail, quality and project delivery, and is able to leverage their network of contacts.

The applicant will also be required to obtain certifications in the following to continue in the position if they do not already have them:

- Small Domestic Vessel Basic Safety- Marine Emergency Duties
- SVOP
- Marine First Aid
- Restricted Operator Certificate Marine Radio License

Work Conditions

- Possible Irregular hours based on project needs along with occasional weekend work (Regular work hrs. listed below but subjected to change)
- Usage of marine equipment
- Use of Mac Computers for all work
- Be able to travel on boat & drive boat
- Will be required to wear uniform (Will be provided)
- Will be required to work in a combination of office & marine environment
- Outdoor work and various weather conditions
- Write Monthly Reports
- Other work duties



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Required Education & Experience

- Preferred Master's degree or higher in Biology with a focus on Marine Environments or equivalent combination of education, training, and experience
- Marine Mammal Monitoring Experience
- Knowledge on the use of laser range finder & hydrophones
- Preference will be given to those who have worked closely with Indigenous communities
- Class 5 BC Driver's licence
- Must have Pleasure Craft Operators Card and other boating certificates an asset
- Knowledge using Mac is preferred
- Demonstrated skills and experience in report writing and mapping
- Knowledge of Aboriginal rights, Douglas Treaty rights, and WSÁNEĆ culture will be considered assets

The successful candidate will work full-time from the QENTOL, YEN / WSÁNEĆ Marine Guardians Office in Brentwood Bay. Furthermore, the candidate will need to be self-directed, thorough, and able to work efficiently in an environment with competing priorities.

Salary: Annual Salary \$68,000.00, (based on a 12-month period of work), Paid Bi-Weekly, Paid Holidays (14 days). Days of work: Monday -Friday, 8:00am- 4:00pm (Hours subject to change)

- Monthly reporting will be required
- Possible extension for 2 more years depending on funding after 2024
- Possible Benefits will be offered at a later date

Interested job applicants must send either a word or PDF Cover Letter & Resume along with 2 references from previous employment no later than Friday, August 26th, 2022 by 12:00pm. Any applications submitted after deadline will not be accepted.

Email David Dick, Southern Resident Killer Whale Senior Manager, david.dick@wsanec.com, with subject line: SRKW MB Job Applicant

Only applicants who are short listed will contacted for an in-person interview between Monday, September 12th-Tuesday, September 13th,2022.

Anticipated start date Monday September 19th,2022