

Fraser Crossing Partners, selected by the Province of British Columbia to design, build and partially finance the project, is a 50/50 joint venture between Aecon and Acciona. The new four-lane cable-stayed bridge over the Fraser River will provide network connections to New Westminster and Surrey, feature a centre safety median barrier and wider lanes to accommodate both passenger and commercial vehicles, and have dedicated walking and cycling lanes. The project also includes the construction of connecting roadways on the north and south sides of the bridge, grade separations on Highway 17, and the removal of the existing bridge once the new bridge is complete.

The Environmental Monitor will be responsible for working with subcontractor qualified professionals performing in water works monitoring (coordinating side scan sonar, underwater noise, and marine mammal observations). They will be responsible for implementing the procedures outlined in the Project Fish and Fish Habitat Monitoring and Mitigation Plan (FFHMMP) and the Construction Environmental Management Plan (CEMP) to confirm works are being conducted in compliance with environmental permits and approvals.

### **Key Responsibilities**

- Conduct environmental monitoring and inspection of aquatic and upland work areas for compliance with federal and provincial environmental regulations, environmental management plans for the project and the Project Agreement.
- Determining the effectiveness of environmental mitigation measures and best management practices installed or implemented by construction.
- Notifying contractors and the Environmental Manager in the event of an issue that may require works to be halted and overseeing the procedures.
- Ensuring on-site construction staff are aware of general site, and project-specific mitigation measures associated with the Project.
- Ensuring construction activities are carried out in accordance with activity-specific Environmental Work Plans (EWPs) and procedures in and above the requirements described in the FFHMMP and the CEMP.
- Documenting environmental conditions and observations of terrestrial and aquatic areas in and adjacent to work areas.
- Collecting environmental data with instruments to assess compliance with requirements of Project approvals and the CEMP.
- Calibrating and maintain environmental data instruments in good condition to ensure accuracy of readings.
- Reporting instances of environmental non-compliance and negligence to the environmental management team.
- Halting construction activity that fails to meet environmental requirements as described in the FFHMMP, CEMP, EWPs, standalone environmental management plans, and environmental approval conditions, or that in the Environmental Monitor's professional judgment, represents significant risk to the environment.
- Routinely checking to verify that construction equipment that is or may be used on-site is in good condition as outlined in the CEMP.
- Keeping detailed records (e.g., field notes, photographs, instrument data) of construction activities and associated environmental conditions.
- Preparing a Weekly Environmental Monitoring Report.
- Collaborate with construction personnel to address environmental issues in a practical manner.
- Attend project meetings as required.
- Liaise with Environmental Manager and regulatory inspectors as required.
- Prepare daily reports and inspection forms.
- Other duties as required.

### **Required Knowledge and Experience**

- A qualified environmental professional designation (e.g., R.P. Bio., P. Ag., CPESC, etc.) is required.
- B.Sc. in Environmental Science or equivalent academic background.
- 3+ years' experience on projects of similar size/scope.
- Demonstrated environmental monitoring experience on construction projects.
- Strong data organization and technical reporting skills.
- Ability to develop strong working relationships and communication networks within construction teams.
- Strong analytical and problem-solving skills.
- Ability to manage time with multiple tasks and priorities.
- Ability to work outside in various weather and terrain conditions.
- Proficiency with computer programs for managing and communicating environmental data.
- Ability to work in a team environment.
- Valid BC driver's license.

The salary range for this role is between \$85,000 and \$100,000 and may vary depending on a variety of factors, such as experience, qualifications, and location.