

CONSTRUCTION ENVIRONMENTAL MANAGEMENT & REPRESENTATION

Specialized Training:

Environmental Monitoring for Construction Habitat Enforcement Level 1 (DFO Fishery Guardian and Inspector)

Sediment Effects Workshop Hazardous Waste Operations and Emergency Response Wildlife/Danger Tree Assessor

Certified Professional Erosion and Sediment Control-IT Engineering Inspection for the Forest Practices Code

Confined Space Entry WHMIS Bear Awareness H₂S Alive Ground Disturbance Level II

Featured Project Experience:

Kitimat LNG

**Contracted Environmental
Representative**

3 years



Primary Roles and Responsibilities:

- Onsite Project EA Commitment Compliance and Quality Assurance.
- Subject Matter Expert for Fish and Fish habitat, habitat offsetting, *Fisheries Act*, Erosion and Sediment Control.
- Environmental team lead for Bald Eagle construction management, bear-human safety and injured wildlife.
- Assurance for site wide compliance with provincial and federal environmental protection legislation.
- Habitat Offsetting as part of the project's *Fisheries Act Authorization* including candidate site selection, first nations and DFO liaison, biological sampling, subcontracted consultant management and permitting support.
- Co-management, coordination and quality assurance of third-party environmental consulting firm for a large scale environmental monitoring program.
- Support for stormwater and various other environmental and land use permit applications.
- Lead for OGC compliance and enforcement site visits.
- Quality assurance of EPC contractor environmental plans and programs.
- Liaison with First Nations, regulatory agencies (DFO, MoE, Conservation Officer Service, OGC), and multi-disciplinary teams such as engineering, construction, public relations, and legal.
- Review and comment on engineering designs and construction work plans.
- Health and Safety Program Training and Participation

Other representative project experience

Kitimat LNG Early Earthworks construction 3rd Party Environmental Monitoring, Kitimat, BC – Crew supervisor and sr. environmental monitor for the Bish FSR upgrades, plant site and terminal early works construction. Erosion and sediment control plans, onsite advise, crew safety, compliance monitoring, spill response, client and contractor liaison. Employer: Triton Environmental Consultants.

Mt. Milligan Mine Water Intake and Pump House Construction, Ft. St. James, BC – Environmental monitoring including instream site isolation, fish salvage, spill prevention and response, water quality monitoring and advice for instream construction of a pump house and intakes on Rainbow Creek for Mt. Milligan Mine. Employer: EDI Environmental Consultants.

Trend Coal Mine Expansion, Tumbler Ridge, BC – Crew supervisor for environmental monitoring of a major coal mine expansion project including construction of 6 km of haul road, a large arch culvert stream crossing, water management system (creek diversions, sediment ponds and drainage ditches) over a 9 month period. Erosion and sediment control plans, water quality compliance monitoring, client and contractor liaison, project meetings, onsite advise, daily reporting and crew safety. Employer: EDI Environmental Consultants.

Komie Road Upgrade Assessments and Environmental Monitoring, Ft. Nelson, BC. - Assessment of 13 bridge crossings, environmental management plans, instream work permits, environmental monitoring of 4 bridge replacements including erosion and sediment control and habitat compensation works. Employer: EDI Environmental Consultants.

Pine Pass Highway Upgrade, Pine Pass, BC. – Preparation of construction environmental management plans, onsite environmental monitoring for highway construction including instream site isolation, fish salvage, spill prevention and response, water quality monitoring and advice 2 major bridge installations. Employer: EDI Environmental Consultants.

Ealue Lake Resource Road Upgrade Environmental Monitoring and First Nations Training, Iskut, BC. – Environmental monitoring and First Nations training for the Ealue Lake Road upgrades construction adjacent to the Klappan River on behalf of Royal Dutch Shell. Employer: EDI Environmental Consultants.

Prophet River Winter Bridge Removal/Installation Environmental Monitoring, Prophet River, BC. – Environmental monitoring and advice for the placement and removal of a multi-span winter bridge over the Prophet River floodplain (2006, 2007 and 2008). Employer: EDI Environmental Consultants.

Cache Creek Slump Removal and Streambank Bioengineering, Peace River, AB –Responsibilities included supervision of heavy equipment for instream slump removal, rip rap placement and streambank bioengineering on the DMI East Haul Road. Instream site isolation, fish salvage, spill prevention and response, water quality monitoring and reporting. Employer: EDI Environmental Consultants.

Akie Mainline Extension Environmental Monitoring and First Nations Training, Tsey Key, BC. - Environmental Monitoring and First Nations training for the construction of the 8 km Akie Mainline Road extension for the proposed Akie mine site. Tasks included Traditional Land Use (TLU) site mitigation, erosion and sediment control prescriptions, water quality monitoring and daily reporting. Employer: EDI Environmental Consultants.

Coyote Creek Bridge Environmental Monitoring and First Nations Training, Iskut, BC - Environmental Monitoring and First Nations training for the construction of a 38 meter resource road bridge over Coyote Creek for access to Red Chris Mine. Employer: EDI Environmental Consultants.

Inverness River Bridge Demolition Environmental Monitoring, Swan Hills, AB. - Environmental monitoring and advice for the demolition of a 54 m concrete bridge with multiple piers over the Inverness River. Supervision of stream channel restoration. Employer: EDI Environmental Consultants.

Little Smokey and Waskahigan Rivers Environmental Monitoring, Valleyview, AB – Environmental monitoring including erosion and sediment control inspections and water quality monitoring for the construction of 2 major highway bridges. Employer: EDI Environmental Consultants.

Halfway River Highway Upgrade Environmental Monitoring, Fort St John, BC - Environmental monitoring and Erosion and Sediment Control Plan for the Upper Halfway River Hwy upgrade construction project. Stream diversion supervision, fish salvage, water quality monitoring, erosion and sediment control, spill prevention and response, and daily reporting. Employer: EDI Environmental Consultants.

Baptiste River Rip Rap Installation, Rocky Mt House, AB. - Environmental monitoring for the installation of 80 meters of rip rap along the Baptiste River to protect a resource road. Site isolation, fish salvage, spill response, erosion and sediment control, and daily reporting. Employer: EDI Environmental Consultants.