

Environmental Monitor Training



Indigenous Training
and Skills Development

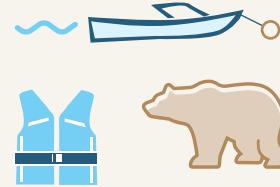


Safety

First Aid



Workplace Safety



Community Engagement
and Education

Knowledge

Rules and
Regulations



Knowledge Transfer



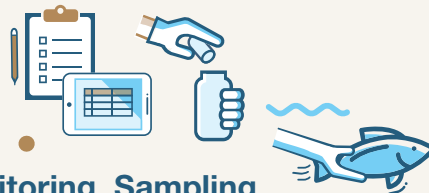
Indigenous Laws

Skills and Abilities

Equipment Set-up
and Operation



Monitoring, Sampling
and Data Collection



Indigenous Knowledge



Community-based
Monitoring



Resource
Management



Environmental
Assessment and
Restoration

Expertise

Data Analysis
and Interpretation



Careers



Fisheries/
Field
Technician



Designated
Fishery
Guardian



Habitat
Restoration
Technician



Environmental
Assessment
Officer

Environmental Monitor Training Courses*

- **First Aid:** Standard, Cardiopulmonary Resuscitation (Level C), Automated External Defibrillator, Advanced, Advanced Wilderness and Remote, Transportation Endorsement
- **Workplace Safety:** Occupational Health and Safety, Workplace Hazardous Materials Information System, Field Safety, Boating Safety, Swiftwater (Flood) Rescue and Emergency Response, Bear Awareness, Marine Emergency Duties, Aviation Egress, Helicopter Safety, Chainsaw Safety, Shotgun Handling, Conflict Resolution
- **Rules and Regulations:** Indigenous Laws and Governance, Fisheries Act, Species at Risk Act, Canadian Environmental Assessment Act, Resource Acts and Regulations (BC)
- **Community Engagement and Education:** Effective Communication/Presentation Skills, Tactical Communications, Interpersonal Communications and Leadership Skills Development
- **Equipment Set-up and Operation:** Geographic Information System (GIS), Unmanned Aerial Vehicle (Drone), Rotary Screw Traps (Smolt Wheel), Fishways (Hoist and Fish Lifts), Floating Trap Net, Small Vessel Operator Proficiency, Radiotelephone Operator Certificate (Marine) Backpack Electrofishing, Minnow Trapping, Pole Seining, Netting (Fyke, Floating and Hoop)
- **Monitoring, Sampling and Data Collection:** Environmental Monitoring, Fish Identification, Fish Handling, Fish and Fish Habitat Inventory Methods, Fish Inventory Techniques, Fisheries Field Techniques, Habitat Assessment Methods, Stream Invertebrate Sampling, Water Quality Sampling and Monitoring Techniques, Snorkel Survey Techniques, Fish and Fish Habitat Monitoring Skills, Land Monitoring Skills, Construction Site Monitoring Skills, Water Monitoring Skills
- **Data Analysis and Interpretation:** Fish and Fish Habitat Assessment, Introduction to Basic Fish Health (Level 1), Practical Fish Health Techniques for Aquaculture and Fisheries Ecology (Level 2), Fish Bacteriology Culture, Screening and Diagnosis (Level 3), Communicating in Science: Practical Writing for Technical Scientific Reports
- **Resource Management:** Resource Management in BC (BC Fisheries, Introduction to Parks and Protected Areas, Research Methods in Natural Resource Management, Resource Management and Aboriginal Rights)
- **Environmental Assessment and Restoration:** Fish and Fish Habitat Restoration Field Techniques, Erosion and Sediment Control, Streambank Restoration, Spill Response, Soil Remediation and Removal, Slope Stabilization, Stock Enhancement Practicum
- **Community-based Monitoring:**

**There may be annual, refresher and/or recertification needs.*



- Environmental Field Skills Certificate
- Environmental Technician Certificate Program
- Restoration of Natural Systems Certificate

Advanced Education

College and Technical Institutes

- Environmental Resources Diploma (two-year program)

University (Degrees and Graduate Certificates)

- Ecological Restoration, Bachelor of Science
- Ecological Restoration, Master of Science

