

Robert D. Heibain, R.B. Tech., CPESC-IT

Registered Biology Technologist
Certified Professional in Erosion and Sediment Control In-Training

65 Stein Street, Kitimat, BC V8C 1J6
Cell Phone: 250-639-0534 Email: oketa73@gmail.com

WORK EXPERIENCE

EMPLOYER: Pacific Northwest Environmental Monitoring and Consulting Ltd., Kitimat, BC
(Sr. Environmental Technologist/Owner)

POSITION: Kitimat LNG Contracted Environmental Representative — June 2013 – June 2016

- Environmental representative for Kitimat LNG Plant early earth works large scale construction (Chevron). Responsibilities include compliance assurance for EA Certificate commitments, subject matter expert advice for environmental permitting, lead for developing and implementing the bear safety program including training, eagle management, management of large scale 3rd party environmental monitoring, erosion and sediment control, co-lead for fish habitat offsetting including site selection, biological sampling, permitting support, First Nations and regulatory agency consultation.

EMPLOYER: Triton Environmental Consultants Ltd., Prince George

POSITION: Sr. Fisheries Technologist — May 2012 – June 2013

- Crew supervisor and sr. environmental monitor for large scale construction at Kitimat LNG.
- Crew lead for baseline fish inventories for LNG Canada.

EMPLOYER: EDI Environmental Dynamics Inc., Prince George

POSITION: Sr. Fisheries Technologist — March 2006 – May 2012

- Environmental representative for construction projects including site isolation, fish salvage, erosion and sediment control, spill response, instream works and advice.
- Baseline fish and fish habitat assessments, fish inventories, impact assessments for linear developments, environmental mitigation prescriptions and site selection for fish habitat compensation.
- Preparation of stream restoration plans.
- Preparation of regulatory agency referrals and permits including preparation of Proponent Application Plans and Environmental Management Plans, Navigable Waters Applications, DFO referrals and Water Act permits.
- Fish Passage Culvert Inspections (FPCI) and Stream Classifications.
- Erosion and Sediment Control Plans for resource road construction, highway road construction, urban development, bridge and culvert installations, mines, LNG plant site.

EMPLOYER: Fisheries and Oceans Canada, Prince George

POSITION: Acting Community Advisor, Upper Fraser — April 2003 to June 2004

- Responsible for community involvement and education within a large geographic area of central and northeast BC. Deliver community based programs on behalf of DFO including Streamkeepers, Salmonids in the Classroom and Stormdrain Marking.
- Administer and oversee Community Economic Development Program (CEDP) contracts to operate the Penny Creek Fish Hatchery and Dome Creek counting fence. Administer contracts for funding community group activities under the Public Involvement Program (PIP).
- Coordinate community events to improve awareness and educate the public on fish and fish habitat issues.
- Liaison between the public, industry and stakeholder groups.
- Provide technical support to fisheries stewardship groups in their efforts to increase awareness, educate the public and protect fish habitat.

EMPLOYER: Fisheries and Oceans Canada, Terrace & Penticton

POSITION: Habitat Auxiliary Technician, Middle Skeena & Okanagan Valley — November 1999 to April 2003

- Fishery Guardian and Inspector.

- Responsible for reviewing a wide range of land and water use referrals under the fish habitat protection policies and legislation of the *Fisheries Act* of Canada including bridge and culvert installations, environmentally sensitive road construction, maintenance activities for Forest Licensee's, BC Hydro, CN Rail, PNG Skeena Pipeline and MoT right-of-ways.
- Issuing Letters of Advise to project proponents for site specific mitigation measures and prepared draft Authorizations for projects that unavoidably harm fish habitat.
- Habitat enforcement including assisting habitat investigations and issuing Inspectors Directions.
- Conducting and directing field studies to assess site specific and cumulative impacts on fish habitat.
- Applying mitigation and compensation strategies for linear, urban and industrial projects.
- Working in multi-agency teams consulting and negotiating with industry, the public, first nations and stakeholder groups.
- Technical support for stream restoration and watershed stewardship initiatives.
- Developing and coordinating community stewardship programs for the protection of fish and fish habitat.

EMPLOYER: Fisheries and Oceans Canada, Terrace

POSITION: Assistant Habitat Technician / Assistant Community Advisor — April 1998 to November 1999

- Responsible for conducting technical field inspections on MoT and CN Rail stream crossings for fish passage.
- Assisting project proponents with compensation projects to meet the requirements of authorizations to destroy fish habitat.
- Technical support for the Salmonids in the Classroom Program, Eby Street and Kalum Community Fish Hatcheries and community habitat restoration projects.

EMPLOYER: Northwest Community College, Terrace

POSITION: Part-time Instructor — September 1996 to December 2001

- Responsible for delivering 270 hours of IRM 275 Watershed Rehabilitation course curriculum as part of the Integrated Resource Management Diploma Program. Course curriculum included watershed assessment procedures, road deactivation assessments and prescriptions, landslide assessment and prescriptions, fish habitat assessment and rehabilitation prescriptions and off-channel habitat development.

EMPLOYER: McElhanney Consulting Services, Terrace

POSITION: Sr. Fisheries / Forestry Technician — February 1995 to April 1998

- Responsible for the project management, supervision and senior technical work conducted on watershed restoration and fisheries projects.
- Forestry engineering including road route traversing, block traversing, stream classifications, stream crossing assessments, gully assessments and windthrow assessments.

EMPLOYER: Triton Environmental Consultants Ltd, Squamish

POSITION: Fisheries Field Technician — September 1994 to February 1995

- Responsible for conducting instream restoration works as part of the Squamish Watershed Restoration Demonstration Project.

EMPLOYER: Scott Resource Consulting Ltd, Mission

POSITION: Fisheries Field Technician — June 1994 to August 1994

- Responsible for conducting fish sampling using an electrofisher and assisting field assessments.

VOLUNTEER WORK EXPERIENCE

UBC Fisheries Research and Development, Port Hardy - Spring 1993

- Early-run steelhead capture and tagging on the Keogh River research project.

Ministry of Environment, Abbotsford & Mission — Summer 1992

- Urban angler creel surveys on Rolley Lake and Mill Lake.

Ministry of Environment, Abbotsford — 1992 to 1993

- All aspects of fish culture at the Fraser Valley Trout Hatchery.

Ministry of Environment, Maple Ridge — 1992

- Conservation officer ride-a-longs during routine call outs.

EDUCATION / SPECIALIZED TRAINING

**Habitat Enforcement Level 1
(Fishery Guardian / Inspector)**

**Environmental Monitoring for
Construction Projects**

Landslide Rehabilitation

**Coastal Fish Habitat Assessment and
Rehabilitation (Pilot)**

Standard Road Deactivation

Advanced Road Deactivation

Gully Assessment Procedures

Wildlife / Danger Tree Assessor

Fish Health and Disease

Landslide Terrain Management

**Engineering Inspection for the Forest
Practices Code**

Streamkeepers

Windthrow Management

Jr. Shorekeepers Leadership

**Sidechannel & Offchannel Habitat
Development**

Geosynthetics for Soil Stabilization

**Winch Systems for Stream
Restoration**

**Stream Restoration Design
(Newbury)**

Swiftwater Rescue Level 1

Level 1 Occupational First Aid

Introduction to Ecology

Sediment Effects (Fish and Fish Habitat)

Electrofishing Crew Leader

**Canadian Environmental Assessment Act
(CEAA)**

Erosion and Sediment Control

Small Vessel Operators Proficiency (SVOP)

Hazardous Waste Operations and Emergency Response

Marine Emergency Duties (MED-A3)

Certified Professional in Erosion and Sediment Control – IT

Confined Space Entry

WHMIS

Bear Awareness

H₂S Alive

Ground Disturbance Level II

REFERENCES

Laura Haley, Sr. Environmental Representative Kitimat LNG

Over-site for 3 years as the onsite environmental team's Sr. Environmental Representative at Kitimat LNG Plant.

Ph: 778-818-3022

Other references available on request.