

# **LAKESHORE ENVIRONMENTAL LTD.**



## **Company Resume** **for** **LAKESHORE ENVIRONMENTAL LTD.**

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### **Our Services and Experience**

Lakeshore Environmental Ltd. is a small incorporated environmental consulting firm involved in a variety of consulting programs. Our primary focus includes biophysical inventory, environmental permitting, environmental assessment and impact studies, management plans, environmental monitoring, aquatic invertebrate surveys and general limnological surveys of lakes and river. We work with a variety of clients including private residential, commercial, industrial, First Nations and municipal governments, and we provide advice on municipal, provincial and federal regulations. Lakeshore Environmental is affiliated with other consulting firms that specialize in hydrology, limnology, fish population studies, and water quality objectives, when required.

Lakeshore Environmental has extensive experience in assessing impacts of municipal and industrial effluents on aquatic and terrestrial ecosystems, developing environmental management plans and lakeshore development guidelines. As a private consulting firm, we have been involved in writing environmental management plans for several large lakes in British Columbia and setting development objectives for Regional Districts. Lakeshore Environmental has extensive experience in the area of freshwater limnology, aquatic entomology and pollution biology.

### **Our Team**

The principal of Lakeshore Environmental is Don Holmes, RPBio, who has over forty-five years of experience in the environmental field. Don has a Bachelor of Science degree in Zoology from the University of Alberta and a Master of Science degree in Fishery and Environmental Science from Virginia Polytechnic Institute and State University. Don is a Registered Professional Biologist with the British Columbia College of Applied Biology, a member of the Association of Professional Biologists and a Qualified Environmental Professional (QEP) in the Province of British Columbia. Don has been employed with Alberta Fish and Wildlife, Canadian Wildlife Service and 30 years with the British Columbia government in Kamloops with the Ministry of Environment. Don Holmes was the Environmental Section Head for the Southern Interior Region for 30 years with time spent as Regional Manager and Assistant regional Manager. He was the chair of the Federal Governments' Environmental Effects Monitoring program assessing effects from pulp mill discharges in the Kamloops area. He has authored and/or co-authored numerous scientific

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articles on water quality and environmental aspects of rivers and streams. Don has been the principal operator of Lakeshore Environmental for the past 20 years. He has periodically been retained by Tk'emlúps te Secwépemc as their Interim Environmental Specialist

Carey Holmes, RPBio, is a professional biologist with the company who has over fifteen years of experience in environmental consulting. Carey has his Bachelor of Science in Animal Biology from Thompson Rivers University. He is a Registered Professional Biologist with the British Columbia College of Applied Biology and is a member of the Association of Professional Biologists. Carey has worked with a variety of clients assisting them with a multitude of environmental related projects. He has extensive experience with water quality monitoring, fisheries, wildlife and vegetation assessments, environmental management planning, provincial and federal regulatory applications, and has been involved in numerous bank stabilization and restoration projects. Carey has developed a strong understanding of the provincial and federal environmental regulatory framework and has a solid working relationship with provincial and federal government environmental agencies.

## **SELECTED LAKESHORE ENVIRONMENTAL LTD. PROJECTS**

The following is an example of some projects undertaken. It is not the complete list:

### **I. First Nations Studies**

Lakeshore Environmental Ltd. has completed numerous Phase I assessments for companies looking to lease land from Tk'emlúps te Secwépemc. Some examples are listed below:

- Environmental Assessment of Proposed Gravel Pit, Little Shuswap Indian Band (2009)
- Environmental Assessment for Crown Land Acquisition, Lower Nicola Indian Band (2015)
- Phase I Report for Lots 46 & 47, Tk'emlúps te Secwépemc, Mt. Paul Industrial Park (2016)
- Environmental Mangement Plan - Asplundth Tk'emlúps te Secwépemc (2016)
- Environmental Assessment of Lot's 7-4-1 & 7-8, Kamloops Indian Band Reserve (2018)
- Environmental Screening Report for 458 Dene Dr., Mt. Paul Industrial Park (2018)
- Gerico Forest Products Ltd. Environmental Management Plan (2018)
- Environmental Screening Report for Lots 29, 272 & 273 (Azure Fuels) Kamloops Indian Band Reserve No. 1 (2021)
- Environmental Screening Report for Tk'emlúps te Secwépemc Engineered Waste Management Facility (2021)
- Program Managers for the Upper Adams Salmon Restoration Program on behalf of Adams Lake Indian Band (2020-2024)
- Interim Environmental Specialist for the Kamloops Indian Band (on-going)

### **II. Regional District Studies**

- Cariboo Regional District 'Lakeshore Management Policy Review' (2003)
- Siting of the MacArthur Water Intake in Shuswap Lake (review based on Physical and Chemical Limnology) (2009)
- Review of Limnological Factors Affecting Design of Water Intake at Sunnybrae, Shuswap Lake (2009)
- Review of Water Chemistry at Reedman Pt., Shuswap Lake (2009)
- Cherry Creek-Savona OCP Stream Assessment, TNRD (2015)

### **III. Municipal/Regional Government Studies**

- Kamloops Centre for Water Quality – Fish Salvage (2006)
- Assessment of Flushing Program on the Thompson River System (2006 – 2009)

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- Town of High Level 'Raw Water Study, Preliminary Assessment of Lake Characteristics (2007)
- Review of Limnological Factors Affecting Location of Water Intake in Horse Lake (2010)

## **IV. Provincial Government Studies**

- Water Quality Assessment and Objectives for Chase Creek, FLNRO (2003)
- Review of 'The Effects of Recreation on Drinking Water within the Lambly, Kelowna, and Mission Creek Watersheds', FLNRO (2003)
- Okanagan Reservoir Lake Project, FLNRO (2004)
- Review of Thompson River Partnership Monitoring Report, FLNRO (2011)

## **V. Recent Private Sector Studies**

- Environmental Monitoring of Cherry Creek Bank Stabilization (2011), ARGO Road Maintenance
- Environmental Monitoring of Deadman Creek Hanging Culvert Rehab & Bank Stabilization (2015), ARGO Road Maintenance -
- Environmental Monitoring of Bridge Repair and Flood Damage Works, ARGO Road Maintenance (2016)
- Project Supervisor, Heffley Lake Road. and Stream Rehab, ARGO Road Maintenance (2017)
- Red Lake Bank Stabilization environmental monitoring (2019). ARGO Road Maintenance
- Phase 1 EIA & Environmental Management Report, Douglas Lake Equipment (2017)
- Bank Stabilization and Restoration Works on North and South Thompson Rivers, DFO and Water Sustainability Act Approvals, Private Residence (2018)
- Environmental Assessment of Proposed Subdivision Development on Big Bar Lake, Private Developer (2018)
- Phase I Report, R.L. Palmer Bldg. (2018)
- Review of Stage II Report, Revelstoke Community Housing Association (2018)

## **VI. Riparian Areas Regulation Assessments**

- Riparian Areas Assessments (British Columbia/ Fisheries & Oceans Canada Regulation); requirements for assessment of environmental impacts of construction adjacent water bodies. - - approximately 75+ separate assessments completed.

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