



## **Brian Wilkes and Associates Ltd.**

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### **Environmental Impact Assessment Experience**

Brian's initial impact assessment experience came in the 1980s while he worked as an impact assessment biologist for the BC government. This work included assessing the water and air quality impacts of industrial and municipal discharges, and reviewing the EIA reports for new industrial developments such as metal mines. Extensive experience was gained in designing and carrying out impact assessments at pulp and paper mills, the aluminum smelter in Kitimat, municipal sewage and solid waste discharges, emissions from the asbestos mine in Cassiar, and new gold and other major mining proposals in Northwestern BC. Brian also served as chair of the Monitoring Subcommittee of the BC Acid Mine Drainage Task Force.

A list of publications from this work is noted below.

More recent impact assessment work has been done on southern Vancouver Island. The Riparian Area Regulation Assessments are one type, and explained on a different page. Below is a list of the recent assessments for land subdivision, marina developments and other EIA work.

### **Selected Recent Clients and Projects**

**Canada Place Corporation, Vancouver:** EIA to permit discharge of cooling water to Burrard Inlet. 2008

**Westhills Land Corp. Langford:** Impact assessments in support of development permit applications for major residential subdivisions. 2008-2010

**Department of National Defense:** EIA in support of a marina expansion at Work Point, Victoria Harbour. 2007

**Purolator Corp.** EIA to enable building a new sorting facility at Vancouver International Airport. 2007 - 2008

**Wilcuma Lodge, Cowichan Bay:** EIA to support a marina expansion at Cherry Point. 2007

**Methanex Corp, Kitimat:** EIA to support building a ramp for spill clean-up equipment, Kitimat Harbour. 2009

**Institute of Ocean Sciences, Pat Bay, Sidney, BC. :** Assessment of discharge quality from storm sewers. 2006

## Selected Publications and reports

Kitimat Estuary Monitoring Study, An assessment of the biological effects of the discharge from Methanex Corporation into Kitimat Arm, BC. By Brian Wilkes and Associates Ltd., 1997, 2000 and 2005.

Environmental Protection Activities in British Columbia: A Primer for Treaty Negotiators, 1997. Prepared for the Ministry of Environment, Lands and Parks.

Assessing the toxicity of surface waters downstream from a gold mine using a battery of bioassays. By B. Wilkes and J.M. Beatty Spence. Proceedings, 21st Annual Aquatic Toxicity Workshop, Sarnia, Ont. Oct 2-5, 1994. pp 38-44.

Environmental Quality Guidelines: Towards 2000. by B. Wilkes, June 1994. paper presented at the 34th Annual Meeting of the Canadian Society of Environmental Biologists, Victoria.

Perrin, C.J, B.D. Wilkes and J.S. Richardson. 1992. Stream periphyton and benthic insect responses to additions of treated acid mine drainage in a continuous-flow on-site mesocosm. Environmental. Toxicology and Chemistry (11):1513-1525

B.D. Wilkes & L.W. Dwernychuk., 1991. Environmental studies in the marine receiving environment at the Skeena Cellulose pulpmill, Watson Island, B. C. 1991 by Pulp and Paper Canada 92(10):20-27. Presented at the CPPA Environment Conference, October 24-27, 1988, Vancouver B.C.

Impact Assessment of the Eurocan Pulp Mill Effluent on the Kitimat River. 1991, By B. Wilkes, J. Beatty-Spence, and R. Hollenberg. Environmental Section Report 90-03.

Survey of residential woodstove users in Smithers, B.C., in January, 1989. By Ruth Lloyd and Brian Wilkes, 1990. Environmental Section Report 90-01.