

HISTORY OF FIRM

BKL Consultants Ltd. provides specialty consulting services in acoustics and related disciplines to a wide range of clients. The company (formerly Barron Kennedy Lyzun & Associates Ltd.) was formed from the 1988 merger of Barron & Associates and Harford Kennedy Lyzun Ltd., two long established Vancouver consulting practices. The company is 100% Canadian owned and employs professional acousticians with more than 100 years of accumulated experience in all aspects of acoustics. Administrative staff and an extensive complement of specialized instrumentation and computing facilities support the engineering and scientific staff. The privately owned firm has no affiliation with material suppliers or manufacturers, and therefore is able to offer completely independent advice and counsel.

PERSONNEL

Douglas S. Kennedy, P.Eng.
Douglas J. Whicker, P.Eng.
Mark Gaudet, C.Eng.
Tiberiu Spulber, M.Sc.
Ping Chen, P.Eng.
Mark A. Bliss, P.Eng.
Tom Marshall, B.Eng.

PROFESSIONAL DESIGN SERVICES OFFERED

Architectural Acoustics

- Room acoustics
- Speech privacy
- Building services
- Building assemblies

Environmental and Community Noise

- Environmental impact assessment
- Community noise surveys

Industrial Noise Control

- Machinery noise measurement and control
- Workspace and community noise surveys

Marine Design and Noise Control

- Design and assessment of compartment noise levels
- Design of quiet propulsion systems
- Design checks and refits.

Vibration Impact and Control

- Measurement and analysis of machinery vibration isolation
- Measurement and isolation design for buildings subject to structural vibration
- Assessment of road and rail traffic generated environmental vibration

BKL Consultants Ltd.

Consultants in Acoustics



TYPICAL PROJECTS

Architectural

Commonwealth Games International Broadcast Centre, Victoria, BC
Bell Centre for Performing Arts, Surrey, BC
Timms Centre for the Arts, U of A - Edmonton, AB
General Motors Place Arena - Vancouver, BC
Evangelical Chinese Bible Church - Burnaby, BC
BCTV Studios - Vancouver, BC
Simon Fraser University West Mall Complex - Burnaby, BC
University of Northern British Columbia - Prince George, BC
Justice Institute of British Columbia - New Westminster, BC
Multi-family Residences for Norwood, Adera and Polygon Developers

Environmental and Community Noise

Deltaport Container Terminal - Roberts Bank, BC
Northwest Territories Diamonds EIA - Yellowknife, NT
CP Wheel Screech Noise Assessment - Salmon Arm, BC
Cardinal River Coals Cheviot Mine EIA - Hinton, AB
NATO Low Level Flight EIA - Goose Bay, NF

Industrial Noise Control

Shand Power Employee Hearing Risk Evaluation - Estevan, SK
GVRD Annacis / Lulu Island Sewage Plants - Vancouver, BC
Fletcher Challenge Pulp Mill - Crofton, BC
Cleveland Dam Upgrade Project - North Vancouver, BC

Marine Design and Noise Control

BC Ferries Corp - 470 car Super Ferry
BC Ferries Corp - 250 car Fast Ferries
Washington State Ferries - 218 car Jumbo Ferries
Henry Larsen - 100 M Coast Guard Icebreaker

Vibration Impact and Control

Community Vibration Impact from CNR Mainline - Kamloops, BC
Roberts Bank Coal Terminal Expansion - Vancouver, BC



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