

CURRICULUM VITAE

ROBERT GARY GRACE

Environmental Protection, Ministry of Environment



Summary of Qualifications:

- BSc in Zoology from UBC
- 8 years experience as Waste Management Technician in Terrace, BC
- 27 years experience as Environmental Impact Assessment Biologist in Kamloops, BC
- 7 months acting EQ section head

Professional/practical Experiences

- 8 years as a Waste Management Technician for Pollution Prevention in Terrace, BC, serving the northwest portion of the province. I monitored water, effluent, stack and air quality and conducted environmental impact assessments of proposed and existing discharges. I also responded to spills of hazardous materials and administered permits and approvals.

- 27 years experience as the Environmental Impact Assessment Biologist for the Environmental Protection Division in Kamloops, BC, serving the Thompson-Nicola subregion of the province. Conducted or supervised water quality, biological and physical monitoring for EPD in the Thompson-Nicola area. I assessed potential or actual impacts of proposed or existing discharges (i.e. landfills, sewage, pulp mill, mines, sawmills, agricultural operations, stormwater etc.) to receiving waters or to the ground. Participated in provincial programs to develop water quality objectives, criteria and monitoring procedures.

Training

- Attended all annual Environmental Impact Assessment Biologist Workshops 1986 to 2011, with presentations on the latest developments in water quality and environmental impact assessment.
- Annual Mine Reclamations Symposiums – Vernon 1989, 1994, 1998, 1999
- North American Lake Management Conference – Seattle, Nov. 1993 and Victoria Nov. 2004.
- BC Lake Stewardship Conferences – 1995 - 2011

- Environment Safety Program Training – Feb, 1984, Feb, 1985, Nov, 1986
- Aquatic Toxicity Workshops – Oct, 1992, Oct, 2006,
- Statistics Workshops – Mesachie Lake, Feb, 1994, Vancouver, April, 2001, SFU, Dec, 2005
- Metal Leaching/Acid Rock Drainage Workshops – Dec, 2002, Dec, 2010
- Operation of Wastewater Treatment Plants –California State Univ., 1983 – 1984
- Enforcement Orientation – Jan, 1982
- Winter Survival Course – Feb, 1982
- Small Boat Safety and Maintenance – Nov, 1982
- Oil Spill Seminar – May 1983
- Effluent Control and Treatment Technology in the Pulp and Paper Industry – Nov, 1983
- Dangerous Good Seminar – Feb. 1984
- Short Course Acid Mine Drainage – Feb, 1990.
- Chemical Contaminants: Addressing the Risk – Apr. 30 to May 2, 1991
- Attended Benthos Monitoring Workshop - Feb, 1992, Environment Canada and EVS Consultants.
- Fate and Effects of Pulp Mill Effluent in the Fraser River, Technical Meeting – June 9 & 10, 1992
- Erosion and Sediment Control Seminars – Nov, 1993
- Giving Expert Witness Testimony - Justice Institute of BC, Jan, 2001
- Water Protection Workshop – Jan, 2003
- B.C. Sampling Training - June 9 & 10, 2003, CAEAL
- Monitoring in a Changing Environment: Recent Advances in Automatic Electronic Water Quality Monitoring and Assessment – CWRA, Oct. 13 & 14, 2004
- Detailed Information Session on Regulations Amending the Pulp and Paper Effluent Regulations Nov. 8, 2004 and EEM Information Session Nov. 9, 2004
- Post Wildfire Watershed Rehabilitation in BC – June 2005
- Salmon Arm Bay – Sharing our Knowledge – June 18, 2005
- Forest Hydrology/Geomorphology Meeting – Sept, 2005
- Benthic Biomonitoring – UBC, July 2006
- Analyzing Values Below the MDL Using R - SFU, Feb, 2009
- Compliance and Enforcement, MOE – June, 2009

Positions Held

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| 1984 - present | Environmental Impact Assessment Biologist for Pollution Prevention, in Kamloops |
| 1976 – 1984 | Waste Management Technician for Pollution Prevention, in Terrace, BC |

Education

1976

B.Sc. majoring in zoology and ecology – University of British Columbia

Publications

Impact of the Village of Cache Creek Sewage Plant Discharge on the Water Quality of the Bonaparte River, B.C., BCMELP, Southern Interior Region, Kamloops, 1989

Preliminary Overview of Water Quality in Gun and Lajoie Lakes near Gold Bridge, B.C., BCMELP, Southern Interior Region, Kamloops, 1991

The Impacts of an Old Tailings Deposit and Decrease in Lake Water level on the Water Quality of Stump Lake, BCMELP, Southern Interior Region, Kamloops, 1993

Water Quality of Foreshore Seepage and Ditch Water in the Blind Bay/Sorrento Area during 1999, BCMELP, Southern Interior Region, Kamloops, 1999

Professional Associations/Organizations

- Member of Association of Professional Biologists of British Columbia, Oct. 20, 1988 to present, member #237
- Member of the College of Applied Biology 2003 to present, member #237.
- Member of North American Lake Management Society, 1994 to present.
- Director of BC Lake Stewardship Society, March 1998 to present.
- Executive member of the Salmon River Watershed Roundtable, since it's inception in 1990 until 2003
- Member of the MOE BC Lab Users Committee