



GILLES WENDLING, Ph.D., P.Eng.

Dr. Wendling has been involved in the assessment of water supplies (drinking water) and in the protection of groundwater resources. His fields of interest and expertise are the following:

- design of production wells;
- monitoring, maintenance and rehabilitation of water wells;
- characterization and protection of aquifers and watersheds;
- education on water supply systems, hydrogeology, water conservation and water microbiology;
- water management and water demand assessment; and
- ground disposal of treated liquid wastes.

Gilles Wendling was in the organizing team of the CanWell 2004 PanCanadian groundwater convention and trade show (500 delegates). Dr. Wendling has been the Director -Technical and Professional Division of the BC Groundwater Association from 2001 to 2006, and its managing Director in 2006, 2007 and 2008. He has also been the Director -Technical and Professional Division of the Canadian Groundwater Association in 2003 and 2004.

Gilles Wendling is the president and founder of Global Aquifer Development Foundation, a Canadian charity creating partnerships with developing countries and assisting in the establishment of groundwater management systems.

Gilles Wendling has conducted and managed studies in many fields of hydrogeology such as:

- Environmental impact studies (commercial and industrial activities – mostly for the mining and petroleum industries);
- Impact assessments of municipal and regional solid waste and liquid waste disposal facilities;
- Geotechnical investigations (seepage and slope stability assessments);
- Etc.

This resume mainly focuses on **storm water management related projects** completed.

PROFESSIONAL EXPERIENCE

- Hydrogeological Investigation for storm water disposal exfiltration gallery, Courtenay BC
- Stormwater infiltration study for subdivision , Qualicum Beach, BC
- Hydrogeological investigation to assess source of residence flooding in recently built subdivision, in preparation for litigation, Whitehorse, Yukon
- Hydrogeological study for stormwater disposal, Nanaimo, BC
- Hydrogeological assessment and design of storm water disposal facility (including analytical modelling), commercial facility, Courtenay, BC
- Stormwater testing of ICBC facility, Courtenay, BC



- Groundwater and stormwater monitoring - review, various ICBC works yard locations, Terrace area, BC
- Hydrogeological investigation and preparation of erosion and sediment control plan, residential development, Nanaimo, BC
- Impact assessment of failing septic fields on storm water quality, Lantzville, BC
- Hydrogeological study of large storm water drainage system (Queen's Ditch), Comox, BC
- Hydrogeological study and design of disposal to the ground of storm water for a residential development, Qualicum Beach, BC
- Hydrogeological study of the T'Kumlups Marsh and the Kamloops Indian Band Floodplain - review, Kamloops, BC
- Storm water disposal feasibility study for proposed development, Kal Lake, Kelowna, BC
- Storm water disposal feasibility study for large department store - review, Kelowna, BC
- Hydrogeological study to assess groundwater regime near sewage lagoons and potential impact on slope stability due to operation of lagoons, Cranbrook, BC
- Impact assessment of logging on quality and quantity of stream flows (streams used as drinking water and power sources), Glendale Cove, Knight Inlet, BC
- Assessment of infiltration capacity of a storm water infiltration basin, Langford, BC
- Assessment of causes of flooding of private property, Cumberland, BC
- Review of drainage of highway subgrade on steep hillside, Vancouver, BC