



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 **projects completed for First Nations**.

PROFESSIONAL EXPERIENCE

Most Complex – Largest Projects (budgets ranging between \$ 100,000 and \$ 1 Million).

- Completed a review and critique of a large hydrogeological study on behalf of the Halalt First Nation for a proposed series of production wells (water supply for the District of North Cowichan) as part of a provincial and federal environmental assessment process, Chemainus River Aquifer, Halalt First Nation, BC
- Investigation of water needs and water resources of 120 villages (150 to 3,000 inhabitants). Duties included a visit of each village, meeting with the representatives, global socio-economical study in order to estimate the most appropriate techniques to meet water needs. Guidimaka region, Mauritania.

Other Projects (budgets up to \$ 100,000)

- Water System Description, Halalt First Nation, near Chemainus, Vancouver Island, BC
- Water demand and population growth assessment in preparation for treaty negotiation, Hul'Qumi'Num Treaty Group, central and southern Vancouver Island, BC
- Hydrogeological assessment to identify origin of hot spring and possibility of using hot water as a geothermal source (for Kaska Deena Council) without impacting sensitive ecosystems, Liard Hot spring, BC
- Hydrogeological assessment for habitat restoration plan (salmon spawning grounds), Maria Slough on Seabird Island, Seabird Island Band (Agassiz), BC
- Preparation and delivery of a one-day workshop to identify watershed protection issues and assess possibility of building partnership to design long-term plan, Kiskatinaw River Watershed, Dawson creek, BC
- Hydrogeological study at site proposed for sewage treatment facility - senior technical input and review, Carmacks, Yukon
- Hydrogeological Assessment, Esketemc First Nations I.R. #2, Johnny Sticks, Alkali Lake, B.C.
- Installation of monitoring well network to monitor potential impact of solid waste facility - review, Carmacks, Yukon
- KD First Nation water well inspections - review, Whitehorse area, Yukon
- Water supply upgrade assessments for Liard First Nation - review, Watson Lake, Yukon
- Hydrogeological study of the T'Kumlups Marsh and the Kamloops Indian Band Floodplain - review, Kamloops, BC
- Hydrogeological Assessment for septic field design on First Nations Land, Nanoose, BC
- Hydrogeological investigation and assessment of impact of installation of septic field on water quality and slope stability, Malahat Indian Band, Mill Bay, BC