

John H. Lehnert, P. Eng. ALS
Municipal Engineer- Alberta Land Surveyor

Education

University of Alberta – B. Sc., Civil Engineering, 1986
University of Calgary - Alberta Land Surveyor, 1998

Registrations

Professional Engineer – Province of Alberta
Professional Engineer – Province of British Columbia
Alberta Land Surveyor

Experience Summary

Immediately after graduating from the University of Alberta with a Civil Engineering degree, Mr. Lehnert became actively involved in the petroleum industry as a down hole reservoir engineer in High Level. After three years in that position he began his role as municipal engineer for Beirsto, Stewart & Weir, responsible for all the engineering activities within the company. Since that time, his focus has been primarily on municipal land development with a general focus on all aspects of design, construction and management. His experience has seen a wide variety of large urban and rural applications. In addition to municipal development, Mr. Lehnert has been actively involved in hydrological reviews, environmental assessments and reclamations, as well as minor hydro-geological investigations. Mr. Lehnert's expertise also extends to legal surveying. As a registered Alberta Land Surveyor, he has been active in legal surveys for both condominium and municipal developments. His survey and planning experience have also led him to a recent focus on planning and infrastructure studies for various municipalities and developers.

Representative Projects

Crossroads Industrial Park – Developer (Crossroads Developments) – Municipality (County of Grande Prairie). Project Engineer responsible for coordinating the design and construction of this development, comprising of 160 acres of rurally designed industrial development. The development included the preparation of an Area Structure Plan and coordination with all related governing bodies to secure both approval of planning and subdivision processes for the project. The project included the detail design reviews for the entire underground infrastructure as well as a regional storm water study which encompassed all the adjoining lands. The project involved the construction of several kilometers of paved roads as well as the reconstruction of some existing County range roads. All the associated water and sewer designs were also designed and constructed. A lift station package was also completed as part of this development.

Summerside Lift Station – Developer (Summerside Developments) – Municipality (City of Grande Prairie). Responsible for the management and coordination of this \$2 million dollar state-of-the-art lift station. The capacity of the lift station is sufficient to handle three quarter sections of residential development. It is a completely enclosed wet well system with a separated telemetry coordinated control room and electrical supply area. The system was installed to a depth of 15m in extremely poor soil conditions requiring specialized tank and structural designs. This project was done in collaboration with Stanley Consulting of Utah.

Copperwood Residential Development – Developer (Elaborate Homes) – Municipality (City of Grande Prairie). Project engineer responsible for coordinating the design and construction of this municipal development, which included 160 acres of municipally designed subdivision. The project involved the initial planning and layout followed by a lengthy and thorough planning process, involving strong consensus building of all the stakeholders. The first phase of the development consisted of 75 lots with considerable off-site infrastructure. Construction of a major arterial road as well as the tie-in of major off-site trunks were the defining features of this project.

Clairmont Corridor Development - Area Structure Plans – Developer (Various) – Municipality (County of Grande Prairie). This long term project involved the creation of planning and servicing concepts for approximately 28 quarters of residential, commercial and industrial development between Grande Prairie and Clairmont. The process involved considerable stakeholder participation as well as the development of comprehensive development design studies. The end result was the creation of nine Area Structure Plans, many of which have now seen significant development occur.

Debolt Residential Development – Developer (Glen Moore) – Municipality (MD 16) This project involved the development of numerous large rural estate style residential lots integrated within the existing Hamlet of Debolt. The project involved the construction of paved roads and underground infrastructure capable of servicing the internal needs of the subdivision. A packaged lift station was also part of this development.

Menzies Environmental Clean-up – Developer (Menzies Printers) - Municipality (City of Grande Prairie). Project involved the rehabilitation of an old tank farm associated with a previous gas station within the City of Grande Prairie. An initial assessment of the environmental risks was followed by a delineation assessment to determine the limits of the contamination. This was followed by the ultimate removal of the original tanks and the subsequent remediation.

- ***Numerous water course hydrological assessments***
- ***Numerous road designs for rural subdivisions***
- ***Numerous water well assessments***
- ***Numerous design studies for sanitary, storm and water infrastructure***
- ***Numerous environmental assessments***
- ***Numerous 1:100 year flood plain assessments***
- ***Numerous legal survey plans for subdivisions and condominiums.***