



January 11, 2012

Dear Resident:

We would like to inform you about a current project to improve the knowledge about the quantity, chemistry and location of groundwater in the rural area surrounding Dawson Creek. Please find enclosed a brochure explaining this initiative which is a partnership between the Province of British Columbia and Simon Fraser University. Although we recognize that many people haul their domestic water, there are a number of residences in the area that rely on water wells for domestic and livestock purposes.

Your contribution to this initiative will lead to improved water security for residents who depend on well water for domestic and agricultural needs. The benefits to participating residents include being provided with the results of water analyses and any other information collected. This project will also allow the comparison of private wells to the observation well network that has been recently established in the area.

In order for our research to be successful we need to sample approximately 100 wells across the area that is south of the Peace River, and East of the Pine River to the Alberta Border.

Our methods:

- 1) Determine accurate ground elevation using GPS.
- 2) Measure depth to water inside the well using sonar.
- 3) Measure ph, conductivity, oxidation/reduction potential and dissolved oxygen on site.
- 4) Collect water samples that will be sent to Simon Fraser University for analyses of water chemistry (Metals, Cations, Anions, hardness).
- 5) Addresses and names will be kept strictly confidential. Any publications will not directly identify location.

If you have a well or you know someone who does and may be interested, we encourage your participation in this initiative. Please contact Catherine Henry at (250) 782-9852 or by email chenry250@gmail.com to schedule a sampling time that works for you. If you would like more information or further discussion, please contact Chelton van Geloven by phone at 250-565-4462 or by email Chelton.van.Geloven@gov.bc.ca. I hope you find the enclosed brochure informative and I look forward to hearing from you in the near future.

Sincerely,

Chelton van Geloven, R.P.F.
Source Water Protection Hydrologist