

Surface Water Quality Monitoring

Project Charter

- ▶ **Goal:**
 - ▶ Establish a monitoring program for Northeast BC watersheds to allow the characterization of water quality and identify trends in water quality
- ▶ **Objectives:**
 - ▶ Characterize the known ambient water quality in basins in Northeast BC
 - ▶ Contribute to the development of a benthic invertebrate biomonitoring program for Northeast BC
 - ▶ Identify partners to help implement the monitoring program and ensure its long term success

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People

- ▶ **Project Leads:**
 - ▶ Kevin Rieberger, (Elizabeth Johnson)
- ▶ **Participants:**
 - ▶ FLNR – Elizabeth Johnson, Chelton Van Geloven
 - ▶ ENV – Kevin Rieberger, Deb Epps, Tarik Dessouki
 - ▶ Environment Canada – Stephanie Strachan

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Key Actions

- ▶ **Short term**
 - ▶ Develop a work plan
 - ▶ Develop consensus on the monitoring protocol
 - ▶ Substances analyzed
 - ▶ Frequency of monitoring
 - ▶ Identify potential sites in priority watersheds for water quality sampling and biomonitoring
 - ▶ Initial sampling and analysis in a few priority watersheds
- ▶ **Medium to long term**
 - ▶ Support development of a Cabin model in the Peace Region
 - ▶ Sampling and analysis with one representative station in each of the 69 watersheds