

## McQuesten River Watershed

In 2008, water samples were collected at 12 different sites in the McQuesten River basin. Sampling commenced on May 21st, 2008 and a total of 44 samples were collected up until the end of the season on June 24<sup>th</sup>, 2008. A combination of automatic composite sampling and grab sampling methods were used in the basin.

Atmospheric data was collected using a portable weather stations located near the mouth of Vancouver Creek.

Basin total flow data was provided to us by the Water Survey of Canada station located near the mouth of the McQuesten River. Flow data for the individual tributaries to the McQuesten River was collected at the time of sampling by the staff of E.M.R CS&I using the methodology outlined in the Yukon Placer Secretariats, Water Quality Monitoring Protocol.

In 2008, the effluent discharge standards for the McQuesten River Basin were those set under the existing *Yukon Placer Authorization*. Beginning in 2009, the effluent standards for all 19 separate watersheds in the Yukon, including the McQuesten, will be set under the *Fish Habitat Management System*. The *Fish Habitat Management System* replaces the YPA with approximately 19 separate watershed authorizations, each of which are class authorizations under Section 35(2), governing placer mining in specific drainage basins.

## Site Codes and Global Position of Water Quality Sampling Locations in the McQuesten River Watershed

SITE CODE	LOCATION	LAT_Y	LONG_X
MCQ 01	South McQuesten near mouth at hwy bridge	63.55655	-137.41273
MCQ 03	South McQuesten at bailey bridge	63.85497	-136.26122
MCQ 02	South McQuesten River u/s of Vancouver Creek	63.63532	-137.07706
MCQ 05	South McQuesten d/s of Haggart Creek Mouth	63.89156	-136.03003
MCQ 06	South McQuesten River u/s of Haggart Creek mouth	63.92272	-135.90289
MCQ HAG 01	Haggart Creek mouth	63.89646	-136.02348
MCQ HAG 02	Haggart Creek d/s of Murphy's Pup	63.93405	-136.03581
MCQ HAG 03	Haggart Creek u/s Murphy's Pup d/s of Swede Creek Mouth	63.96153	-135.97848
MCQ HAG 04	Haggart Creek u/s of Swede Creek Mouth	63.96209	-135.97859
MCQ HAG 05	Haggart Creek d/s of Lynx Creek mouth	63.98390	-135.85982
MCQ HAG 06	Haggart Creek u/s of Lynx Creek mouth	63.98363	-135.85941
MCQ LYNX 01	Lynx Creek mouth	63.98359	-135.85910
MCQ MURP 01	Murphy's Pup	63.94465	-136.02872
MCQ NOR 01	North McQuesten near mouth	63.85030	-136.33049
MCQ SWE 01	Swede Creek u/s of culvert	63.96187	-135.97928
MCQ VAN 01	Vancouver Creek mouth	63.63572	-137.07922