



## Trihalomethane Analysis - GLENMORE

GEID completes testing for trihalomethanes at various points throughout the distribution system, several times each year. Trihalomethanes are created through a reaction between chlorine, which is required as a disinfectant, and naturally occurring organic compounds in the water. Due to the high colour in GEID's creek water source from April through October, the trihalomethane concentrations are higher in the summer months.

### Trihalomethane Concentrations (THM's) – Glenmore Distribution System

Location	Date	Total Trihalomethanes	Canadian Guidelines for Drinking Water	Units
GEID Office Lab	Mar 17/08	0.148	MAC < 0.1	mg/L
GEID Office Lab	Aug 26/08	0.303	MAC < 0.1	mg/L
GEID Office Lab	Dec 3/08	0.202	MAC < 0.1	mg/L
GEID Office Lab	Mar 20/09	0.152	MAC < 0.1	mg/L
GEID Office Lab	Dec 11/09	0.158	MAC < 0.1	mg/L
GEID Office Lab	Apr 6/10	0.119	MAC < 0.1	mg/L
GEID Office Lab	Sept 9/10	0.267	MAC = 0.1	mg/L
GEID Office Lab	Jan 14/11	0.127	MAC = 0.1	mg/L
GEID Office Lab	May 13/11	0.099	MAC = 0.1	mg/L
GEID Office Lab	Sept 8/11	0.28	MAC = 0.1	mg/L
GEID Office Lab	Dec 20/11	0.058	MAC = 0.1	mg/L