



Trihalomethane Analysis – ELLISON & DRY VALLEY

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) – Ellison/Dry Valley Distribution System				
Location	Date	Total Trihalomethanes	Canadian Guidelines for Drinking Water	Units
Rittich Rd. T/S	Mar 17/08	0.132	MAC < 0.1	mg/L
Rittich Rd. T/S	Aug 26/08	0.214	MAC < 0.1	mg/L
Rittich Rd. T/S	Dec 3/08	0.017	MAC < 0.1	mg/L
Rittich Rd. T/S	Mar 20/09	0.217	MAC < 0.1	mg/L
Rittich Rd. T/S	Dec 11/09	0.023	MAC < 0.1	mg/L
Rittich Rd. T/S	Apr 6/10	0.017	MAC < 0.1	mg/L
Rittich Rd. T/S	Sept 9/10	0.199	MAC = 0.1	mg/L
Rittich Rd. T/S	Jan 14/11	0.021	MAC = 0.1	mg/L
Rittich Rd. T/S	May 13/11	0.006	MAC = 0.1	mg/L
Rittich Rd. T/S	Sept 8/11	0.27	MAC = 0.1	mg/L
Rittich Rd. T/S	Dec 21/11	0.083	MAC = 0.1	mg/L

T/S (test station)