



Trihalomethane Analysis – ELLISON

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 Distribution System				
Location	Date	Total Trihalomethanes	Canadian Guidelines for Drinking Water	Units
Rittich Rd. T/S	Jan 11/13	0.020	MAC < 0.1	mg/L
Rittich Rd. T/S	March 22/13	0.022	MAC = 0.1	mg/L
Rittich Rd. T/S	Aug 22/13	0.252	MAC = 0.1	mg/L
Rittich Rd. T/S	Dec 21/13	0.009	MAC = 0.1	mg/L
Rittich Rd. T/S	April 25/14	0.007	MAC = 0.1	mg/L
Rittich Rd. T/S	Sept 5/14	0.235	MAC = 0.1	mg/L
Rittich Rd. T/S	Dec 19/14	0.020	MAC = 0.1	mg/L
Rittich Rd. T/S	June 2/15	0.266	MAC = 0.1	mg/L
Rittich Rd. T/S	Nov 10/15	0.017	MAC = 0.1	mg/L
Rittich Rd. T/S	April 8/16	0.031	MAC = 0.1	mg/L
Rittich Rd. T/S	Sept 22/16	0.125	MAC = 0.1	mg/L
Rittich Rd. T/S	Nov 30/16	0.023	MAC = 0.1	mg/L
Rittich Rd. T/S	May 31/17	0.0271	MAC = 0.1	mg/L
Rittich Rd. T/S	Sept 29/17	0.211	MAC = 0.1	mg/L
Rittich Rd. T/S			MAC = 0.1	mg/L
Rittich Rd. T/S			MAC = 0.1	mg/L
Rittich Rd. T/S			MAC = 0.1	mg/L

T/S (test station)