

Watermain Disinfection must be done in accordance with AWWA C651-14, Section 4. Chlorination shall be applied by the continuous feed method. The chlorine solution shall be injected at a measured rate such as to fill the main with a minimum of 50 mg/L and a maximum of 150 mg/L of available chlorine solution. The disinfection shall remain in the main for 24 hours and shall have a residual greater than 10 mg/L. Alternatives disinfection methods may be used with prior approval from District Engineer.

PROJECT INFORMATION

Project Name:		Project File #	
Engineer:		Contractor:	
Date of Disinfection:			

TEST DATA

Initial Chlorine Residual (mg/L):		Contact time (hours):	
Chlorine Residual after 24 hours (mg/L):			

Following disinfection and prior to bacteriological testing, waterlines must be flushed thoroughly until the system residual is achieved.

If the discharge water is to be released into a watercourse, storm drain or body of water, then it shall be treated to reduce the concentration of Total Residual Chlorine (TRC) below the levels established by the Government of British Columbia Ambient Water quality Criteria for Chlorine. At no time shall water from the District of Lake Country community water system be released into the environment with a TRC concentration greater than 0.1 mg/L.

TEST RESULTS Passed

I hereby certify that this test has been performed in accordance with District of Lake Country Subdivision and Development Servicing Bylaw, District Policy, and applicable standards.

Sealed and signed by Professional Engineer

Date