

Leak Repair Log

Date of Leak: _____ Time: _____

Location of Leak: _____

Type of Leak Service Line Main Line Meter Other

Description of Repairs: _____

Persons making repairs: _____

Materials used: _____

Equipment used: _____

Comments: _____

Was main line depressurized or dewatered? Yes No *(If yes, the line should be disinfected with 300 mg/l free chlorine for 15 minutes, flushed and a bacteriological sample taken.)*

Complete the following information if leak was not repaired under pressure:

How long was water service interrupted? _____

Gallons used to flush after repair: _____

Chlorine residual: _____ mg/l Bacteriological analysis results: negative positive

Formulas for Disinfection of Water Mains which are depressurized, dewatered or partially dewatered

Pipe diameter in feet = $\frac{\text{pipe diameter in inches}}{12}$ = $\frac{\quad}{12}$ = _____ diameter, feet

Million Gallons = $\frac{0.785 \times \text{pipe dia. in ft.} \times \text{pipe dia. in ft.} \times \text{pipe length in ft.} \times 7.48}{1,000,000}$
= _____ Million Gallons

Lbs of HTH = $\frac{300 \text{ mg/l dosage} \times \text{Million Gallons} \times 8.34}{0.65}$ = _____ lbs. of HTH

