

**T O W N S H I P
of
WHITEWATER REGION**

POLICY NAME:

**De- chlorination Action
Plan ; Municipal Water
Distribution Lines**

DEPARTMENT:

Public Works

DATE ESTABLISHED:

April 24th , 2003

Implemented, April 24th /03

DATE REVISED:

April 6th/04

De-chlorination Action Plan

Implemented April 24th /03

To ensure that any water used in the disinfection of new or repaired water mains, as well as, chlorinated water discharged as the result of flow testing or flushing water mains is not directed to a storm sewer, drain, or any other location that may allow the discharge to directly enter a natural water course without prior de- chlorination, the operator will ensure that the de-chlorination has occurred, or that the water has been redirected to the sanitary sewer.

1/ The chlorinated water used for water main flushing or flow testing and contains the same content of chlorine as the distribution system may be flushed into the waste water collection system, with prior permission of the senior plant operator. This will be accomplished by using proper hoses and connections, and the use of a proper traffic plan, signs (cone , traffic barrels and or barricades) and competent personnel.

2/ The chlorinated water used for water main flushing or flow testing and contains the same content of chlorine as the distribution system and where there is no sewer system available, the water may be discharged into an open ditch, providing the following conditions exist:

(a)The ditch does not empty directly into a natural habitat

(b)The chlorine has time to naturally dissipate before the water could reach a natural habitat.

3/ In the event that water with a high content of chlorine is to be flushed from the fire hydrants, following the disinfection of repaired or the installation of water mains, the water will be de chlorinated, before entering sewers, ditches or storm drains. Using the AWA Standards For Disinfecting Water Mains (ANSI/AWWA C651-99) Appendix C Disposal of Heavily Chlorinated Water as a guide .

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