

# CITY OF MUNISING

## CROSS CONNECTION CONTROL PROGRAM

### I. Introduction

In accordance with the requirements set forth by the Michigan Department of Environmental Quality, the City of Munising has officially adopted the State of Michigan cross connection control rules to protect the City of Munising public water supply system. "Cross Connection" is defined as a connection or arrangement of piping or appurtenances through which a backflow could occur. "Backflow" means water of questionable quality, waste, or other contaminants entering a public water supply system due to a reversal of flow. The cross connection control program will take effect immediately upon approval of Munising City Commission and the Michigan Department of Environmental Quality.

### II. Local Ordinance

The authority to carry out and enforce a local cross connection control program will be in accordance with the city cross connection ordinance No. 2001 - 1, a copy of which is included in the program.

### III. Local Inspection

The water distribution superintendent and/or his designated agent shall be responsible for making the initial cross connection inspections and reinspections to check for the presence of cross connections with the municipal water supply system. Individuals responsible for carrying out the cross connection inspections and reinspections shall have obtained necessary training through any available manuals on cross connection prevention, including the Cross Connection Rules Manual as published by the Michigan Department of Environmental Quality and attendance of any cross connection training sessions sponsored by the Michigan Department of Environmental Quality or other recognized agencies.

### IV. The schedule for inspections shall be in accordance with the following general outline:

1. Known or suspected secondary water supply cross connections shall be inspected first (surface water, Class III wells, recirculated water, etc.).
2. Known or suspected submerged inlet cross connections will be inspected next.

In general, emphasis will be placed on making inspections initially of all industrial and commercial establishments or where cross connections are known or suspected to exist. A general area review will follow in a logical sequence as time permits. Emphasis will be placed on inspecting all industrial and commercial establishments that have not been previously inspected within a period of one (1) year following formal adoption and approval of this program.

#### **V. Schedule for Reinspection**

In order to assure against the hazards of cross connections, it will be necessary to periodically and systematically reinspect for the presence of cross connections. The schedule for reinspection shall be in accordance with the schedule as noted in the Cross Connection Rules Manual. Whenever it is suspected or known that modifications have taken place with piping systems serving a particular water customer, reinspections of the premise will be made.

#### **VI. Protective Devices**

The methods to protect against hazards of cross connections as outlined in the Cross Connection Rules Manual will be incorporated into the Munising cross connection control program. Whenever any deviation from the recommended methods of protection is contemplated, approval from the Michigan Department of Environmental Quality shall first be obtained.

#### **VII. Compliance Time**

The time allowed for correction or elimination of any cross connection found shall be as follows:

1. Cross connections which pose an eminent and extreme hazard shall be disconnected immediately and so maintained until necessary protective devices or modifications are made.
2. Cross connections which do not pose an extreme hazard to the water supply system, but nevertheless constitute a cross connection should be corrected within a reasonable period of time. The length of time allowed for correction should be reasonable and may vary depending on the type of device necessary for protection. The water utility shall indicate to each customer where a cross connection is found to exist, and the time period

allowed for compliance (30 to 60 days is usually sufficient time for small devices).

- VIII. All testable devices shall be tested upon installation and at an interval to be determined by the City of Munising Water Distribution Department and in accordance with the Cross Connection Rules Manual. Records of test results shall be maintained by the City of Munising. Only individuals approved by the Michigan Department of Environmental Quality shall be qualified to perform such backflow device testing. That individual(s) shall certify the results of his/her testing.
- IX. The City of Munising Water Distribution Department shall maintain sufficient and accurate records of its local cross connection control program so as to report annually on the status of the local program to the Michigan Department of Environmental Quality on a form provided by the department.

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