



Tittabawassee Township
Water Department
Cross Connection Program
2019

I. Introduction

In accordance with the requirements set forth by the Michigan Department of Environmental Quality (DEQ), the Township of Tittabawassee officially adopted the state of Michigan cross connection control rules to protect the 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 the DEQ.

II. Local Ordinance

The authority to carry out and enforce a local cross connection control program will be in accordance with Township Ordinance No. Division 3 Secs. 66-96 through 66.102 a copy of which is included in the program.

III. Local Inspection

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

IV. Schedule of Inspection

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

1. All suspected high hazard establishments, including all industrial, commercial and municipal buildings will be inspected **annually**.
2. All other buildings and water system connections, including residential accounts, shall be inspected on a 3-year rotation.

V. Schedule for Re-Inspection

Whenever it is suspected or known that modifications have taken place with piping systems serving a particular water customer, re-inspections 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 Township of Tittabawassee cross connection control program.

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 imminent and extreme hazard shall be disconnected immediately and so maintained until necessary protective devices or modifications are made.
2. Other cross connections which do not pose an extreme hazard to the water supply system should be corrected as soon as possible. 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 the time period allowed for compliance.

VIII. **Testing**

All testable backflow prevention assemblies shall be tested at the time of installation or relocation and after any repair. In addition, all high hazard and reduced pressure principle backflow preventers shall be tested annually. All other assemblies shall be tested at least once every three years. Records of test results shall be maintained by the water utility. Only individuals that hold a valid Michigan plumbing license and have successfully passed an approved backflow testing class shall perform such testing. Each tester shall also be approved by the (name of the local agency). Individual(s) performing assembly testing shall certify the results of his/her testing.

IX. **Records**

The water utility shall maintain sufficient and accurate records of its local cross connection control program and report annually on the status of the program to the DEQ on a form provided by the department.

Tittabawassee Township Codes

Utilities

Division 3. Cross Connection*

Sec. 66-96. Rules adopted

The township adopts by reference the water supply cross connection rules of the state department of environmental quality (R 325.11401 et seq.).

(Comp. Ords. 1987, § 25.251)

Sec. 66-97. Inspections

It shall be the duty of the water department to cause inspections to be made of all properties served by the public water supply where cross connection with the public water supply is deemed possible. The frequency of inspections and re-inspections, based on potential health hazards involved, shall be as established by the township board and as approved by the state department of environmental quality.

(Comp. Ords. 1987, § 25.252)

*State law reference-Safe Drinking Water Act, MCL 325.1001 et seq.

Sec. 66-98. Right of access, information for inspection.

The representative of the water department shall have the right to enter upon, at any reasonable time, any property served by a connection to the public water supply of the township for the purpose of inspecting the piping system or systems thereof for cross connections. On request, the owner, lessees or occupants of any property so served shall furnish to the inspection agency any pertinent information regarding the piping system or systems on such property. The refusal of such information or refusal of access, when requested shall be deemed evidence of the presence of cross connections.

(Comp. Ords. 1987, § 25.253)

Sec. 66-99 Discontinued service upon violation.

The township water department is hereby authorized and directed to discontinue water service after reasonable notice to any property wherein any connection in violation of this division exists, and to take such other precautionary measures deemed necessary to eliminate any danger of contamination of the public water supply system. Water service to such property shall not be restored until the cross connection had been eliminated in compliance with the provisions of the division.

(Comp. Ords. 1987, § 25.254)

Sec. 66-100. Protection of potable water.

The potable water supply made available on the properties served by the public water supply shall be protected from possible contamination, as specified by this division and by the state plumbing code. Any water outlet which could be used for potable or domestic purposes and which is not supplied by the potable system must be labeled in a conspicuous manner as:

WATER UNSAFE FOR DRINKING

(Comp. Ords. 1987, § 25.255)

Sec. 66-101 Other codes and ordinances.

This division does not supersede the state plumbing code and township ordinance No. 13 and 14, but is supplementary to them.

(Comp. Ords. 1987, § 25.256)

Secs. 66-102—66-125. Reserved.