

THE WATER SUPPLY CROSS-CONNECTION ORDINANCE

ADOPTED: _____

EFFECTIVE: _____

TOWNSHIP OF NEGAUNEE

MARQUETTE COUNTY, MICHIGAN

ORDINANCE NO: WS CC1

The Board of Negaunee Township of Marquette County, Michigan, ORDAINS:

That an Ordinance entitled:

“AN ORDINANCE TO SECURE THE HEALTH, SAFETY, WELFARE AND CONVENIENCE OF THE RESIDENTS AND PROPERTY OWNERS OF THE TOWNSHIP OF NEGAUNEE, MARQUETTE COUNTY, MICHIGAN, BY REGULATING CROSS-CONNECTIONS WITH THE PUBLIC WATER SUPPLY SYSTEM IN THE TOWNSHIP OF NEGAUNEE, AND MAKING VIOLATIONS THEREOF PUNISHABLE BY FINE AND/OR IMPRISONMENT.”

be adopted as follows:

SECTION I. PURPOSE:

This Ordinance has been established for the purpose of securing the health, safety, welfare and convenience of the residents and property owners of the Township of Negaunee, Marquette County, Michigan, by regulating connections or arrangements of piping or appurtenances through which water of questionable quality, wastes, or other contaminants can enter the public water system of Negaunee Township., designating a local inspection person (s), establishing a schedule for inspection and reinspection, establishing a list of methods to protect cross-connection, establishing a corrections time schedule, establishing the requirements of data collections systems, the nature of

which will be sufficient to complete the required annual report to the Michigan Department of Public Health, and to otherwise comply with the State of Michigan Water Supply Cross-Connection Rules which took effect April 19, 1972 and are a part of the Michigan Administrative Code, as amended.

SECTION II TITLE:

This Ordinance shall be known and may be cited as “The Cross-Connection Ordinance of Negaunee Township”.

SECTION III DEFINITIONS:

For the purpose of this Ordinance, certain terms or words used herein shall be interpreted and defined as follows:

1. “Backflow” means water of questionable quality, wastes or other contaminants entering a public water supply system due to a reversal of flow.
2. “Cross-connection” means a connection or arrangement of piping or appurtenances through which a backflow could occur.
3. “Safe air gap” means the minimum distance of a water inlet or opening above the maximum high water level or overflow rim in a fixture, device or container to which public water is furnished which shall be at least 2 times the inside diameter of the water inlet pipe; but shall not be less than 1 inch and need not be more than 12 inches.
4. “Secondary water supply” means a water supply system maintained in addition to a public water supply, including but not limited to water systems from ground or surface sources not meeting the requirements of Act No. 98 of the Public Acts of 1913, as amended, being sections 325.201 to 325.214 of the Compiled Laws of 1948, or water from a public water supply which in any

way has been treated, processed or exposed to any possible contaminant or stored in other than an approved storage facility.

5. “Submerged inlet” means a water pipe or extension thereto from a public water supply terminating in a tank, vessel, fixture or appliance which may contain water of questionable quality, waste or other contaminant and which is unprotected against backflow.

Section IV REQUIREMENTS:

1. It shall hereafter be unlawful to connect or arrange or allow to continue to be connected or arranged piping or other appurtenances through which water of questionable quality, wastes or other contaminants can enter the public water supply system of Negaunee township; to that end the following cross-connections are prohibited:

- A. A cross-connection shall not be made between a public water supply system and a secondary water supply.
- B. A cross-connection shall not be made by submerged inlet.
- C. A cross-connection shall not be made by submerged inlet.
- D. A cross-connection shall not be made between a public water supply system and piping emersed in a tank or vessel which may contain a contaminant.

2. Any water outlet which could have been used for potable or domestic purposes and which is not supplied by a potable system must be labeled in a conspicuous manner as: “WATER UNSAFE FOR DRINKING”.

3. The requirements of this section as hereinabove set forth are not to be deemed to supersede the provisions and requirements of Act No. 266 of the Michigan Public Acts of 1929, as amended, but are deemed to be supplementary thereto, and to that end, any violation of the provisions of that Act is to be considered a violation of this Ordinance.

SECTION V INSPECTION:

1. It shall be the duty of the Negaunee Township Board to cause inspections to be made of all properties served by the public water supply where cross connections with the public water supply are deemed possible.

2. All buildings served by the public water supply system, except single to two family dwellings, and all single and two family dwellings which are served by the public water supply system and are known or suspected to be in violation of the provisions of this Ordinance shall be inspected within 9 months of the date upon which the public water supply system in Negaunee Township becomes operational. Said time limit may be extended for a reasonable period of time if the training program for the inspection and enforcement personnel as hereinafter set forth has not been completed. An inspection form will be filled out for every building so inspected and the owner of any building found to be in violation shall be given written notification of such violation.

3. All buildings which need to be inspected according to the criteria of Section V, Paragraph 2, shall be reinspected every two years if no cross--connections are found. In the case

a cross-connection is located, the schedule for reinspection shall be as follows, assuming the required protective devices have been installed and are functioning normally:_____

<u>Type of Cross Connection</u>	<u>Three Months</u>	<u>Six Months</u>	<u>Twelve Months</u>
Secondary Water Systems			
A. Critical Equipment	X		
B. No Critical Equipment			
Submerged Inlets		X	
Submerged Inlets			
A. Correction at Service Line			
B. Correction on Internal			
(RPPBP* - Isolate Portion of system)		X	
RPPBP - Reduced Pressure			
Principle Backflow Prevention			
Refrigeration Systems			X
Heating and/or Cooling			X
Treated Water			X
Commercial Boilers			

Testing of all devices once installed shall take place following installation and in three year intervals, therefore according to the conditions on the notification form and in conjunction with the testing form.

4. The inspection and enforcement of this ordinance shall be by one or two employees who will be designated by the Negaunee Township Board to act in the capacity as described in this Ordinance.

The training for the implementation of this program shall be in three steps.

- A. The designated person (s) will familiarize himself/themselves with the “Cross-Connection Rules Manual”, as supplied by the Michigan Department of Public Health and any additions to it which may be issued.
- B. The designated person (s) will meet with a member of the Michigan Department of Health for the purpose of resolving any questions which the designated person (s) may have, providing any additional training thought necessary, and, if feasible, accompanying the designated person (s) on the first few inspections.
- C. The designated person (s) will attend any and all seminars or workshops within a reasonable distance of Negaunee Township which deal with cross--connections and/or water supply systems and problems.
- D. Once the program is operating normally, it shall be the duty of such outgoing employee to teach the newly designated employee about the program although this training will not relieve the trainee of the obligation of familiarizing himself with the “Water Supply Cross--Connection Rules Manual”, and attending the various water supply seminars and workshops.

5. The person (s) designated to enforce the provisions of this ordinance shall have the right to enter at any reasonable time any property served by a connection to the public water system of the Township of Negaunee 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 said representative 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.

SECTION VI WATER SUPPLY CROSS-CONNECTION RULES

1. The requirements of this ordinance as herein set forth are not to be deemed to supersede any provisions and requirements of the Michigan Department of Public Health, Water Supply Cross-Connection Rules as contained within the Michigan Administrative Code, as amended, but are deemed to be supplementary thereto, and to that end and to the extent that such rules are not inconsistent with the provisions of this ordinance, any violation of the provisions of those rules is to be considered a violation of this Ordinance. Copies of the Water Supply Cross--Connection rules are to be kept on file at the Township Office and made available for public inspection upon request.

SECTION VII ENFORCEMENT:

1. The Negaunee Township Board is hereby authorized and directed to discontinue water service after reasonable notice to any property wherein any connection in violation of this Ordinance exists, and to take such other precautionary measures deemed necessary to eliminate any danger of contamination of the public water supply system. service to such property shall not be restored until the cross-connection (s) has been eliminated in compliance with the provisions of this Ordinance.

2. The time allowed for completion of necessary cross-connection corrections shall be contingent on the degree of hazard involved, and shall include the time required for the owner of the building in which the cross--connection occurs to obtain and install the proper equipment, unless imminent danger of public water supply contamination exists. If the cross-

connection has not been removed in a reasonable period of time, the inspection personnel shall separate the public water system from the onsite piping system in such a manner that the two systems cannot be reconnected by an unauthorized person. A reasonable period of time may be considered the following:

A. Items of extreme hazard in which imminent danger of contamination of the public water supply exists-

-Separation should be immediate, following phone consultation with the Michigan Department of Public Health and phone notification, if possible, with any persons who may be affected by the separation and the owner of the affected property or building.

B. Items in which danger of contamination would exist only under unusual system conditions such as a break in a water main or during a fire-

-Upon written notification of the owner, he shall have a period of one month to install or have installed the necessary protective devices. If the work is not completed within the time allowed, the onsite piping shall be separated from the public water

system. Two extensions of one month each, will be granted upon the submittal of proof that the work has been scheduled and the necessary device (s) ordered.

SECTION VIII METHODS TO PROTECT AGAINST HAZARDS OF CROSS—CONNECTIONS

The method (s) which may be used to correct any violation of this Ordinance shall be those found in the “Acceptable Protection Charts” found in the “Water Supply Cross-Connection Rules Manual” and the list of devices approved by the Michigan Department of Public Health. A list of methods and devices shall be available at the Township Office and it shall be the responsibility of the Negaunee Township Board to keep the list updated to include such new methods and devices as may be approved from time to time.

SECTION IX VIOLATION:

In addition to the enforcement provisions hereinabove described, any person found guilty of violating any of the provisions of this Ordinance, or any written order of the Negaunee Township Board, in pursuance thereof, shall be deemed guilty of a misdemeanor and upon conviction thereof, shall be punished by a fine of not more than One Hundred (\$100.00) Dollars or by imprisonment in the county jail not to exceed 90 days or by both such fine and imprisonment. Each day upon which a violation of the provisions of this Ordinance shall occur shall be deemed a separate and additional violation for the purposes of this Ordinance.

SECTION X DATA SYSTEM:

Negaunee Township shall keep a separate file on the Cross-connection Ordinance which shall contain at all times the following data:

- A. Approved Negaunee Township Cross-Connection Ordinance.
- B. Water Supply Cross-Connection Rules Manual.
- C. A list of all buildings requiring inspection.
- D. Inspection and reinspection reports, notifications, extension requests, testing forms, any forms, any and all correspondence dealing with the cross-connection program.
- E. An up-to-date list of approved protective devices from the Michigan Department of Public Health.
- F. The current names of the person (s) designated to be the inspection personnel.
- G. The name, address and phone number of the Michigan Department of Public Health official to be contacted if consultation is desired or problems arise. At this time the official is:

Mr. John Erickson
State of Michigan Dept. of Public Health
305 Ludington Street
Room 222
Escanaba, Michigan 49829

Phone: (906)786-6410

SECTION XI SEVERABILITY:

Several sections of this Ordinance shall be deemed severable should any section, clause or provision thereof be declared unconstitutional or contrary to the laws of the State of Michigan, and therefore voided by any court of competent jurisdiction, the same shall not effect the validity of the

Ordinance as a whole or any part thereof other than the part or section so declared to be unconstitutional or invalid.

SECTION XII EFFECTIVE DATE:

This Ordinance was adopted by the Negaunee township Board of Marquette County, Michigan, at a meeting held on the 14th day of June, 1979, and notice ordered published in the Mining Journal, a newspaper having general circulation in said Township of Negaunee, said publication to be made within thirty (30) days after said publication.

NEGAUNEE TOWNSHIP BOARD

BY: _____
Supervisor

ATTEST

BY: _____
Clerk