

Local Law Filing

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County City Town Village

(Select one:)

of Victory

Local Law No. 2 of the year 2011

A local law Schuylerville/Victory Water System Cross-Connection Local Law
(Insert Title)

Be it enacted by the Board of Trustees of the
(Name of Legislative Body)

County City Town Village

(Select one:)

of Victory

as follows:

(If additional space is needed, attach pages the same size as this sheet, and number each.)

Local Law No. 2 of 2011

Village of Victory

1. Purpose.

The purpose of this Local Law is to:

- A. Protect the public potable water supply of the Joint Water System operated by the Schuylerville/Victory Board of Water Management and serving, *inter alia*, the Village of Victory from the possibility of contamination by isolating, within its customers' internal distribution systems or its customers' private water systems, contamination or pollutants that could otherwise backflow into the public water supply system; and
- B. Comply with the requirements of the New York State Sanitary Code (10 NYCRR Part 5).

2. Definitions and word usage.

- A. For the purposes of this Local Law, unless it is plainly evident from the context that a different meaning is intended, certain terms used herein are defined as follows:

AIR GAP SEPARATION – A physical break between a supply pipe and a receiving vessel. The air gap shall be at least double the diameter of the supply pipe; measured vertically above the top rim of the vessel, and in no case shall be less than one (1) inch.

APPROVED CHECK VALVE – A check valve that seats readily and completely. It must be carefully machined to have free-moving parts and assured watertightness. The face of the closure element and valve seat must be bronze, composition or other noncorrodible material that will seat lightly under all prevailing conditions of field use. Pins and bushings shall be bronze or other noncorrodible, nonsticking material, machined for easy, dependable operation. The closure element (e.g., clapper) shall be internally weighted or otherwise internally equipped to promote rapid and positive closure in all sizes where this feature is obtainable.

APPROVED DOUBLE-CHECK VALVE ASSEMBLY – An assembly of at least two (2) independently acting approved check valves, including tightly closing shutoff valves on each side of the check valve assembly and suitable test cocks, plus connections available for testing the watertightness of each check valve.

APPROVED REDUCED-PRESSURE-PRINCIPLE BACKFLOW PREVENTION DEVICE – A device incorporating two (2) or more check valves and an automatically operating differential relief valve located between the two (2) checks, two (2) shutoff valves, and being equipped with necessary appurtenances for testing. The device shall

operate to maintain the pressure in the zone between the two (2) check valves at less than the pressure on the public water supply side of device. At cessation of normal flow, the pressure between the check valves shall be less than the supply pressure. In case of leakage of either valve, the differential relief valve shall operate to maintain this reduced pressure by discharging to the atmosphere. To be approved, these devices must be readily accessible for maintenance and testing and must be installed in a location where no part of the device will be submerged.

APPROVED WATER SUPPLY – Any water supply approved by or under the public health supervision of a public health agency of the State of New York, the County of Saratoga or the Board of Water Management. In determining what constitutes an “approved water supply,” the Department of Public Health of the State of New York (the “State Health Department”) shall have the final judgment as to its safety and potability.

AUXILLIARY WATER SUPPPPLY – Any water supply on or available to the premises other than the Joint Water System Water Supply.

BOARD OF WATER MANAGEMENT – The Schuylerville/Victory Board of Water Management, established by the Villages of Schuylerville and Victory by Intermunicipal Agreement dated June 22, 2001, to operate the Joint Water System.

CHIEF WATER OPERATOR – The Chief Water Operator of the Joint Water System or his/her authorized representatives.

CODE ENFORCEMENT OFFICER – The Code Enforcement Officer of the Village of Victory or his/her authorized representative.

CONSUMER – Any person to whom water is sold or furnished from the Joint Water System.

CONTAMINATION – Any impairment of the quality of the Water Supply by the presence of any foreign substance (organic, inorganic, radiological or biological) to a degree that creates a hazard to the public health.

CROSS CONNECTION – Any unprotected connection to any part of the Joint Water System used or intended to supply water for drinking purposes and any source or system containing water or substance that is not approved as safe, wholesome and potable for human consumption.

JOINT WATER SYSTEM – The public water supply system providing potable water to the Villages of Schuylerville and Victory and certain other areas.

NON TOXIC SUBSTANCE – Any substance of a nonpoisonous nature that may create a moderate or minor hazard to the Water Supply.

PERSON – Any natural person, firm, association, organization, partnership, trust or association or persons, joint venture, corporation or company, including the United States, the State of New York, the County of Saratoga, any special purpose district and any officer or agent thereof.

PREMISES – Integrated land area, including improvements thereon, undivided by public thoroughfares or water distribution mains of the Joint Water System and where all parts of the premises are operated under the same management and for the same purpose.

PROTECTIVE DEVICE – Any of the following devices:

- (1) Air gap separation.
- (2) Approved reduced-pressure-principle backflow prevention device.
- (3) Approved check valve or double-check valve assembly.

SERVICE CONNECTION – The terminal end of a service connection from the Joint Water System at its point of delivery to the consumer. If a meter is installed, “service connection” means the downstream end of the meter. No unprotected takeoffs from the service line ahead of any meter or backflow protective device located at the point of delivery to the consumer shall be permitted.

TOXIC SUBSTANCE – Any substance (liquid, solid or gaseous), including raw sewage and lethal substances, that when introduced into the water supply system creates or may create a danger to the health and well-being of the consumer.

VILLAGE – The Village of Victory, New York.

WATER SUPPLY – The approved water supply sold and delivered to consumers’ premises through the Joint Water System.

B. As used in this Article, the word “shall” is mandatory; the word “may” is permissive.

3. **Backflow protection.**

A. Auxiliary water supply:

Each service connection from the Water Supply for furnishing water to premises having an auxiliary water supply shall be protected against backflow of water from the premises into the Water Supply.

- (1) If the auxiliary water supply is handled in a separate piping system with no known cross-connection, the Water Supply shall be protected by an approved double-check valve assembly installed at the service connection to the premises. When the auxiliary water supply may be contaminated, the Chief Water Operator may order the Water Supply protected by an air gap separation or an approved reduced-pressure principle backflow prevention device installed at the service connection.

(2) If the auxiliary water supply is handled in a separate piping system and cross-connections are known to exist between the Water Supply and the auxiliary water supply that cannot currently be eliminated, the Water Supply shall be protected by an approved reduced-pressure-principle backflow prevention device installed at the service connection.

B. Toxic or hazardous substances:

Should a facility be rated hazardous, a reduced pressure zone device is required independent of a separate system handling the auxiliary water system. The Board of Water Management may also require a reduced pressure zone device if the facility is rated non-hazardous and the auxiliary water system does not meet the water quality requirements of the Sanitary Code (10 NYCRR Part 5).

C. Non-hazardous substances:

At the service connection to any premises on which a substance that would be objectionable (but not necessarily hazardous to health), if introduced into the Water Supply, is handled in such a manner as to constitute a cross-connection, the Water Supply shall be protected by an approved double-check valve assembly.

D. Non-hazardous to hazardous:

In the event a facility is rated non-hazardous and is to subsequently become hazardous, prior notification of at least thirty (30) days shall be given to the Board of Water Management before the change takes place. A protective device as required for hazardous substances must be installed.

E. Sewage treatment plant and pumping station:

At the service connection to any sewage treatment plant or sewage pumping station connected to the Water Supply, the Water Supply shall be protected by an approved reduced-pressure-principle backflow prevention device.

F. Fire system:

At the service connection to any premises in which a fire-protection system is installed, the Water Supply shall be protected based on the water source and arrangement of supplies in accordance with the following classifications:

(1) Class 1.

- (a) Direct connection from public water mains only; no pumps, tanks or reservoirs; no physical connections from auxiliary water supplies; no antifreeze or other additives of any kind; all sprinkler drains discharging to atmosphere, dry wells or other safe outlets.

- (b) Protection. Double check valve assembly if not already installed in the system.
- (2) Class 2.
 - (a) Same as Class 1, except booster pumps may be installed in the connections from the street mains.
 - (b) Protection: Double check valve assembly if not already installed in the system.
- (3) Class 3.
 - (a) Direct connection from public water supply main plus one (1) or more of the following: elevated storage tanks; fire pumps taking suction from above ground covered reservoirs or tanks; and pressure tanks.
 - (b) Protection: Double-check valve assembly.
- (4) Class 4.
 - (a) Directly supplied from public mains similar to Classes 1 and 2 and with an auxiliary water supply on or available to the premises; or an auxiliary supply may be located within one thousand seven hundred (1,700) feet of the pumper connection.
 - (b) Protection: Air gap or reduced-pressure-principle backflow prevention device.
- (5) Class 5.
 - (a) Directly supplied from public mains and interconnected with auxiliary supplies, such as pumps taking suction from reservoirs exposed to contamination or rivers and ponds; driven wells; mills or other industrial water systems; or where antifreeze or other additives are used.
 - (b) Protection: Air gap or reduced-pressure-principle backflow prevention device.
- (6) Class 6.
 - (a) Combined industrial and fire-protection systems supplied from the public water mains only, with or without gravity storage or pump suction tanks.
 - (b) Protection: Determined by the Chief Water Operator upon review of engineering drawings of the system.

G. Lawn sprinkling systems:

At the service connection to any permanently installed lawn sprinkling system, the Water Supply shall be protected by an approved double-check valve assembly. If the lawn sprinkling system handles liquid fertilizers or other chemicals, the Water Supply shall be protected by an approved reduced-pressure-principle backflow prevention device.