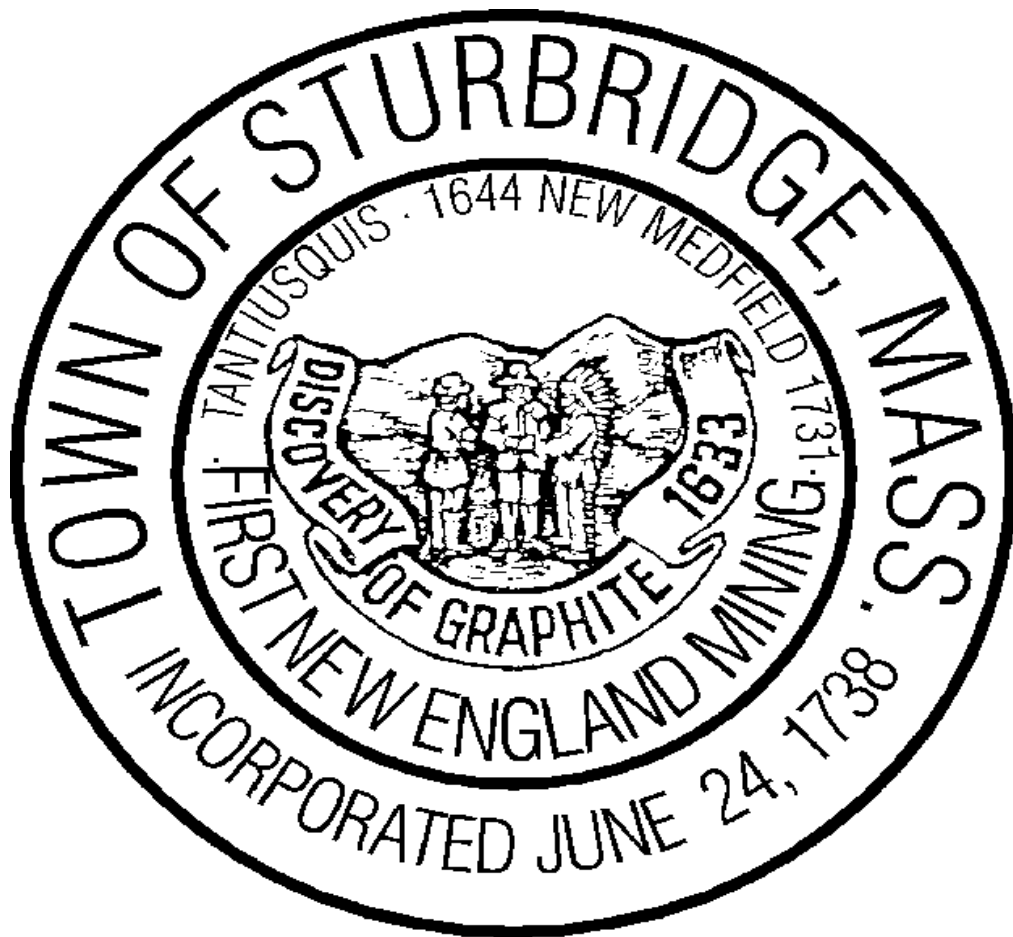


WATER DEPARTMENT BYLAWS AND REGULATIONS



PART

F

BOARD OF WATER COMMISSIONERS REGULATIONS

1.0 The following rules and regulations adopted by the Board Of Water Commissioners will be considered a part of the contract with every person who uses water, and the acceptance of the water service shall be deemed an acceptance of these terms and other reasonable restrictions which may be placed on the use of water by the Commissioners, when in their judgment it may be for the best interest of the community.

1.01 All applications for the use of water must be to the Water Commissioners in writing, on the form prescribed, stating truly and fully the various uses to which the water is to be applied, and signed by the owner of the premises or authorized agent. No other use of the water shall be made without previous notice and consent of the Water Commissioners.

1.02 Water Services Tie-In Charges for ¾" or 1" Service

The Water Department shall install the pipe and fittings from main to the stop and waste at property line. There is a tie-in charge of three hundred and twenty-five dollars (\$325.00). The taker paying for all that lies outside of the public highway; which can be installed by a contractor that has been approved by the Department, said work to be supervised and inspected by the Department. Supervision and inspection fee is included in the above mentioned tie-in charge.

1.03 Charges for Water Services 1 ¼" through 8" and Sprinklers:

There shall be a two hundred dollar (\$200.00) application fee and in addition, the taker pays 100% of cost from main to building.

- a. This charge applies to 1 ¼” through 2” copper services, 4” 6” & 8” services or sprinklers.
- b. No tie-in fee for water main extensions.
- c. All tie-ins to Town owned water mains shall be made by the Department at the expense of the taker.
- d. All extensions on proposed Town streets or roads to be installed by the Water Department at the expense of the applicant.
- e. Request for services or extension shall be by written request and /or plans from the owner to the Board of Commissioners.
- f. Installation made on private property by others (approved by Commissioners) shall be inspected and approved by the Inspector of the Water Dept.
- g. Size of service or main extensions and materials used shall be specified by the Department at the time the application is processed.

h.

1.04 All Takers must keep their water pipes and all fixtures in good repair and protected from frost exposure, at their expense and shall be held liable for all damages resulting from failure to do so. Takers must prevent all unnecessary waste.

1.05 No alteration shall be made in any pipe or fixture installed by the Water Department except by persons authorized by them. The Water Department except by persons authorized by them. The Water Department may enter premises, examine pipes and ascertain the amount of water used.

- 1.06** The Water Commissioners or the Superintendent shall install water meters which shall be used, and reserve the right to have any meter inspected at any time and refuse to furnish water through any meter which, upon inspection, proves to be out of order or inaccurate.
- 1.07** All bills for water by meter rates shall be payable quarterly in April, July, October and January.
- 1.08** In cases of non-payment of the water rate for thirty days after the same is due, a notice may be given to the delinquent party and if the bill is not paid within three days after such notice is given, the water shall be shut off and shall not be let on again until the amount due, and five dollars for shutting off and letting on water is paid.
- 1.09** No person shall open or use water from any public hydrant without permission from proper authority except in case of fire, or for fire practice under persons authorized by the Chief of the Fire Department.
- 1.10** When a meter ceases operating, the Water commissioners reserve the right to average the bill for water used, using the general average of consumption as a basis for such charge. Nor person shall remove any water meter, which is in service, for any reason, unless permission is given by the Water Department.
- 1.11** The Water Commissioners do not guarantee, but will make every reasonable effort to maintain a constant pressure at all times.

The Department will not be liable for damage to hot water tanks or fixtures due to shutting off water in case of emergency or for the purpose of extending its mains or improving the system. When it is necessary to shut off the supply, consumers will be given notice if possible to do so.

1.12 The Water Commissioners reserve the right to establish such regulations from time to time, as they may deem expedient for the introduction and use of water, and will hold the Superintendent and all others in the employ of the Department to a strict enforcement of the same.

1.13 When the property has no cellar and the water meter cannot properly be placed inside of the building, the expense of a proper meter box or vault shall be borne by the owner of the property.

1.14 Water rates shall be reviewed at least annually by the Water Commissioners and adjusted as necessary to meet the costs of operating the Water Department. As a minimum the water usage rates shall generate income to cover the total operating costs of the Water Department as well as interest payments on long term debt for capital improvements to the water system.

2.00 Specifications for the Installation of Four and Eight Inch Water Service.

2.01 **MATERIALS**

a. All pipe, gates, fittings and other materials used shall be of the type normally accepted by the Sturbridge Water Department.

Pipe used may be either cast iron or ductile iron. Cast iron pipe may be mechanical joint or tyton class 22 cement lined and shall meet the minimum standards of AWWA specification C-106. Ductile iron pipe may be mechanical joint or tyton class 2 cement lined and meet the minimum standards of AWWA specification c-151.

- b. Gate valves shall be Eddy Iowa, H & H Metropolitan or equal. All these shall meet the minimum standards of AWWA specification C-500. All valves shall be vertical, nut-operated, open to the right, non-rising stem and suitable for direct burial. All valves shall have mechanical joint ends and shall comply with AWWA specification C-111.
- c. Iron fitting shall be in accordance with AWWA specifications C-110. joints shall be standardized mechanical. Fittings shall be provided with cement mortar lining, double thickness in accordance with AWWA specification C-104. Valve boxes shall be cast iron, a two-piece sliding type. The upper or sliding section of the box shall be provided with a flange on top and a cover marked WATER. Tapping sleeves and valves shall meet the requirements for gate valve as listed above.

2.02 INSTALLATION

- a. The operation of connections to the existing system is to be carried out by the contractor with qualified water works personnel under the direction of the Water Department Superintendent.
- b. Excavation is to be carried out to a sufficient depth to provide for a minimum cover over the top of the pipe of 4 feet 6 inches.
- c. All anchorage or supports for the various fittings and valves to be installed shall be accomplished using concrete thrust blocks. All vertical pipe shall be anchored with

- adjustable tie-rods and clamps of adequate strength to prevent movement under the full load, or as directed by the Superintendent.
- d. All backfill material shall be free from rock or stones or other material which in the opinion of the Superintendent is unsuitable. All trenches shall be backfilled by hand from the bottom of the trench to the center line of the pipe and tamped under the pipe and compacted around the pipe as directed by the Superintendent. The trench shall be backfilled by hand to a depth of 8 inches over center line of pipe or by approved mechanical methods as directed by the Superintendent.
 - e. On completion of the pipeline, it is to be filled with water, chlorinated and tested. Water used for this purpose is to be drawn from the existing water system by the contractor under the direction of the Superintendent. The pressure for these two tests is to be measured at the lowest part of the line and is to be either 50% higher than. Normal operating pressure or 150 P.S.I., whichever is the lesser.

3.00 Specifications for Three Quarter Inch Through Two Inch Water Services from Stop & Waste to Building.

3.01 **MATERIALS**

- a. Copper – Type K – U.S.A made – Bridgeport, Halstead or equal.
- b. Unions – Hays or Ford – 3 part compression type, or equal.
- c. Adapters – Hays or Ford – compression type, or equal.
- d. Valves – Hays or Ford – Ball type compression, or equal.

3.02 INSTALLATION

Excavation is to be carried out to a sufficient depth to provide for a minimum cover over the top of the tubing of 4 feet 6 inches. On completion of service installation, it is to be filled with water and tested. Tubing to be covered by hand shovel the first twelve (12) inches free of stones. All work shall be under the direction of the Inspector of the Sturbridge Water Department.

4.01 The following restrictions on nonessential outdoor water use shall be in effect in the Town of Sturbridge:

(A) Whenever stream flows fall below a mean daily streamflow of 0.50 cubic feet per square mile (cfsm) for three (3) consecutive days between May 1st and September 30th. Stream flow shall be measured at the USGS Quinebaug River Gauge Station near Southbridge #01123600 (Quinebaug River Gauge). At the Quinebaug River Gauge, 0.50 cfsm is equal to 47.2 cubic feet per second.

4.02 At such times that the conditions above exist, the following nonessential outdoor water restrictions shall be in place:

(A) No nonessential outdoor water use is allowed, except that sprinklers may be used for lawn watering outside the hours of 9 AM to 5 PM one (1) day per week.

(B) Once implemented, the restrictions shall remain in place until streamflow at the Quinebaug River Gauge meets or exceeds 0.50 cfsm (13.95 cfs) for seven (7) consecutive days.

4.03 PENALTIES

(A) Violation of this bylaw shall be enforced through the Non-Criminal Disposition process outlined in Chapter Nine of the Town of Sturbridge General Bylaws.

(B) Violation of this Bylaw shall be: First Offense – Written Warning; Second and Subsequent Offenses \$25 per day.