



## TOWN OF MARBLEHEAD

### Water and Sewer Commission

#### Sewer Deduct Meters

**Definition:** Sewer deduct meters shall be considered to be any meter that is installed after the house meter for the purpose of measuring water that does not enter the sewer system. The measured flow through this meter would then be used to calculate a reduction in the sewer use fee. All meters used for sewer use credits shall be installed and maintained completely at the owner's expense.

**Meters:** All meters shall be of the sealed register positive displacement type, conforming to AWWA standard C-70 I-Pearl with an ECR Reader and have a MXU radio read module. Deduct meters can be purchased from the Marblehead Water and Sewer Commission ONLY.

**Register:** All meters must register in hundred cubic feet and have a remote readout permanently attached to the outside of the building at a location approved by the Water Department and must be capable of being read by the Sensus Computer System. Outside Readers: At the time of the inspection, the Water Department will install the outside reading device as well as the MXU radio reading device.

**Installation:** The installation of the meter shall be done by a **duly licensed person** in accordance with all applicable local, state and federal regulations.\* *The meter shall be positioned after the house meter (in series); other installations will not be accepted. Sewer deduction meters must be located in an area protected from frost and must have valves immediately before and after the meter. Sewer deduct meters that must be removed annually and are subject to freezing will not be accepted. The property owner or plumber must call the Water and Sewer office to set up an appointment to have the meter inspected once the installation is complete and the plumbing inspector has inspected the licensed plumber's work. There will be no credit issued to the account until an inspection has been made by the Water Department and the installation has been found to be working in a satisfactory manner. Water use prior to inspection by the Water Department will not be credited.* A \$100.00 inspection fee will be billed for the original inspection and, should the meter not be accepted, \$100.00 for each subsequent re- inspection.

**Maintenance:** It is the owner's responsibility to assure that the deduct meter is operating properly and to make any necessary repairs at **their own expense**. After a meter has been repaired, the Water and Sewer Commission **must** be notified so that a new inspection can be done. The owner is responsible for payment of any usage not recorded on the deduct meter.

**In-Ground Sprinklers:** In accordance with Mass DEP Cross Connection Control Program 310CMR22.22 (9), all lawn irrigation systems are required to have a backflow prevention device installed. Approved devices include a testable pressure vacuum breaker or a reduced pressure zone backflow prevention device. Double check valve backflow prevention devices are NOT APPROVED. Upon installation, the water department **must** be notified so that the device can be inspected and recorded.

Please contact the Water and Sewer Department at 781 631-0102 if you have any questions.

\*A Plumbing Permit is required. Contact the Building Inspection Department at 781 631-2220.

#### **ABSOLUTELY NO CREDIT, REFUND OR ABATEMENT WILL BE GIVEN FOR USE PRIOR TO ACCEPTANCE OF THE DEDUCT METER BY THE COMMISSION.**

As the owner of the property for which this Plumbing Permit is issued, I accept responsibility for contacting the Water and Sewer Commission (*after* the deduct meter has been inspected and tagged by the Plumbing Inspector) to schedule an inspection by the Water Department. ***The sewer credit will begin with the meter reading taken at the time of acceptance by the Commission,*** without exception.

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Owner's Name

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Signature

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Date



**Bradford Smith**  
Inspector

**Town of Marblehead**  
**Office of**  
**PLUMBING INSPECTOR**



**Mary A. Alley Municipal Building**  
**7 Widger Road, Marblehead, MA 01945**

**tel: 781-639-9151**  
**fax: 781-631-2617**

**To avoid a \$40.00 re-inspection fee, meters must be installed as shown in the diagram below:**

1. Meters must be installed in horizontal position only;
2. Meter installation (other than as shown), must have Water and Sewer Commission and Plumbing Inspector approval;
3. Licensed plumbers must install the water meter and then contact the Plumbing Inspector at the telephone number listed above for an inspection;
4. After receiving the Plumbing Inspector's approval, the homeowner must then call the Water and Sewer Commission at 781 631-0102 to schedule an inspection by the water department;
5. A jumper cable for grounding must be placed around the meter (number 4 or larger copper braided grounding wire is required).

