(2) Each utility shall maintain a record of each interruption (as defined in sub. (1)) showing the date and time it began, the duration, the cause, and the approximate number of customers affected.

History: Cr. Register, January, 1997, No. 493, eff. 2−1−97.

PSC 185.45 Pumpage records. A record shall be kept of the amount of water pumped into the distribution system each day from each station. The daily pumpage shall be summarized by months and such daily records and monthly summaries kept on file.

History: Cr. Register, January, 1997, No. 493, eff. 2−1−97.

PSC 185.46 Metering equipment records. (1) METER TEST RECORDS. (a) A utility shall create a record of a meter test whenever a meter is tested. If the meter is tested again, the utility need not retain the previous test record once the information in that record has been entered in the meter history record. The meter test record shall include all of the following:

1. Identification of the meter.
2. The service address at which the meter is installed.
3. The date of the test.
4. A statement of "as found" accuracies.
5. A statement of "as left" accuracies, when applicable.
6. The name of the person making the test.

(b) Meter test records and meter history records may be kept as separate records or one record.

(2) METER HISTORY RECORDS. (a) Each utility shall keep a history record for each meter sufficient to fulfill the requirements of s. PSC 185.19, including all of the following:

1. The date the meter was placed into service.
2. The information in all of the meter's test records under sub. (1).
3. The date the meter was retired from service.

(b) Meter test records and meter history records may be kept as separate records or one record.

History: Cr. Register, January, 1997, No. 493, eff. 2−1−97; CR 13−033: r. and recr. (1), (2) Register July 2015 No. 715, eff. 8−1−15.

PSC 185.47 Other records. Other required records which are referred to elsewhere in this chapter include records of adjustment of customer bills (s. PSC 185.35 (8)), main flushing (s. PSC 185.86), valve and hydrant operations, pumpage and metered consumption (s. PSC 185.85 (2)), and service interruptions (s. PSC 185.88).

History: Cr. Register, January, 1997, No. 493, eff. 2−1−97.

Subchapter V — Engineering

PSC 185.51 Requirement for good engineering practice. The design and construction of the utility's water plant shall conform to good standard engineering practice and shall conform to the requirements of this chapter and the requirements of appropriate federal, state, and local regulatory authorities.

History: Cr. Register, January, 1997, No. 493, eff. 2−1−97.

PSC 185.52 General construction requirements. (1) MAINS. (a) *Installed depth.* Mains shall be placed at such depth or otherwise protected as shall prevent freezing.

(b) *Dead−ends.* Where practical the utility shall design its distribution system to avoid dead−end mains. Where dead−ends are necessary, hydrants or other flushing devices shall be installed to permit flushing. (See s. PSC 185.86.)

(c) *Networked systems.* Where practical the distribution system shall be laid out to maximize service reliability.

(d) *Segmentation of system.* Valves shall be provided at reasonable intervals and at appropriate locations so that repairs to or maintenance of the mains shall minimize service interruptions.

(e) *Location of mains.* Utility−owned mains shall be located either in public right−of−way, or in a readily accessible easement. As much as possible, easements shall be free of pavement, expensive landscaping, mobile home pads, etc.

(f) *Main ownership conditions.* A utility may choose whether or not it shall accept for ownership the mains within a mobile home park. Mains may only be accepted if they meet the utility's construction standards and the requirements of ss. PSC 185.51 and 185.52.

(2) SERVICE LATERALS. (a) *Installed depth.* Laterals shall be placed at such depth or otherwise protected as will prevent freezing.

(b) *Single connections.* A customer's lateral shall be directly connected to utility−owned facilities, and there shall be no other customer connection downstream from the utility's shut−off valve. This does not apply to multi−occupancy premises, such as apartments, condominiums, and shopping centers.

History: Cr. Register, January, 1997, No. 493, eff. 2−1−97.

PSC 185.53 Metering configuration. (1) MASTER METERING. Unless a utility owns the water distribution facilities within a mobile home park, condominium association, trust, etc., the private system shall be master metered and the park owner, condominium association, trust, etc., shall be the utility's billable customer.

(2) INDIVIDUAL METERING. A utility may only provide retail service directly to individual dwellings within a mobile home park, condominium association, trust, etc., if the distribution facilities within the mobile home park, condominium association, trust, etc., are owned by the utility on easements. Such facilities may only be accepted for ownership at a utility's discretion and only if the facilities meet the utility's construction standards and the requirements of ss. PSC 185.51 and 185.52.

History: Cr. Register, January, 1997, No. 493, eff. 2−1−97.

Subchapter VI — Customer Meters, Accuracy Requirements

PSC 185.61 Meters. (1) All meters used for measuring the quantity of water delivered to a customer shall be in good working condition. They shall be adequate in size and design for the type of service measured and shall be accurate to the standard specified in s. PSC 185.65. Cold water meters of the turbine type shall be used for metered service only where the actual flow rates fall entirely within the normal test flow limits of the meter. Flow meters, including magnetic and ultrasonic meters, may be used for customer metering only with the specific approval of the commission.

(2) Meters and remote reading devices necessary for the billing of utility service shall be owned and maintained by the utility except where otherwise authorized by the commission.

(3) A utility may sell meters if such meters are to be used solely for nonutility purposes, such as unregulated sewer service. This section does not prohibit the sale of meters between utilities.

History: Cr. Register, January, 1997, No. 493, eff. 2−1−97.

PSC 185.65 Accuracy requirements for meters. (1) The test flow limits for positive displacement, compound, and turbine meters shall be as follows: