



# TOWNSHIP OF HOPEWELL

## MERCER COUNTY

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### Irrigation Meter Specification.

**Model:** Neptune T-10 Water Meter with R900I V4 transmitter, Part# ED2B11RPDG11

**Size:** 5/8" x 3/4"

#### General Requirements

- The irrigation water meter shall be a Neptune T-10 with R900I V4 transmitter, positive displacement type, designed for cold potable water service.
- Meter shall comply with AWWA C700 standards for accuracy and performance.
- Meter shall have a bronze main case, corrosion-resistant internal components, and a removable measuring chamber.
- Register shall be direct read, permanently sealed, and capable of remote reading.

#### Installation Requirements

- The irrigation water meter shall be installed **downstream of the primary domestic water meter.**
- It shall be located in a manner that ensures it only supplies:
  - The dedicated irrigation system.
  - Exterior hose bibs and outdoor water connections.
- No interior plumbing fixtures shall be connected to the irrigation meter.
- The Meter must meet plumbing code
- All installations must be permitted by the Township of Hopewell Construction office.

#### Connections

- Meter shall have 5/8" x 3/4" threaded ends compatible with standard meter couplings.
- Meter shall be installed horizontally with the register facing upward for easy reading.

## **Flow and Pressure**

- Maximum operating pressure: 150 psi.
- Maximum operating temperature: 120°F.
- Meter shall maintain accuracy within  $\pm 1.5\%$  at normal flow rates.

## **Identification**

- Meter shall be clearly labeled as **"Irrigation Use Only"** to prevent cross-connection or misuse.
- Meters must be registered with The Township of Hopewell for reading and billing.