

# Georgetown Township Water Utility Upgrades FAQ

## Why is the Township performing water utility upgrades?

Due to a change in software for our radio reading system, we have to go into homes to change out the radio transmitter, which sends meter readings to us rather than having numerous staff go to each home to read meters. Considering the last meter updates took place between 1992 - 2002, we want to update everyone's meter to the latest model while we are updating the transmitter.

## What is the model/brand of the meter?

The meters are manufactured by Neptune Technology and it is the T-10 model. They are lead-free and manufactured in America. [Click here to go to the T-10 product site.](#)

## Are these smart meters?

No, they are not smart meters. A smart meter reads electronically, whereas a traditional meter reads mechanically. As water flows through the meter, the dial turns and registers usage.



## I'm worried the new meter is reading faster than the old one.

A new meter, with new parts, is going to read more accurately than an old meter with worn parts which may be looser or more stiff depending on wear. Accuracy is the goal when it comes to your water usage.

## I do not want the new meter. Can I refuse its installation?

Ultimately, no. Municipal water service requires maintenance on its physical components, one of them being the meter. By living in any municipality with public utilities, you are agreeing to allow municipal staff to maintain its services.

## Will the Township shut off my water if I refuse the new meter installation?

While it is within the Township's authority to do so, a meter replacement refusal has never escalated that far. The Township makes several attempts to contact residents requesting they communicate with us to set up a replacement appointment.

## What is the brand/model of the radio transmitter?

We use the Sensus SmartPoint 510M. It collects the read from your meter and transmits it to the software we use to record usage history. They are installed outside the home whenever possible and only send us a signal once every four hours. [Click here to go to the Sensus SmartPoint 510M product site.](#)

## What is the radio frequency strength of the transmitter?

The radio transmitter emits frequencies less than 1GHz (gigahertz), which is fewer waves per second than many things already in your home ([Electromagnetic Spectrum with Examples](#)). 1GHz has a wavelength of 30% of a meter ([Wikipedia: Electromagnetic Spectrum](#))

## For more information on the electromagnetic spectrum, please visit these resources:

- [NASA: The Infrared Universe \(PDF\)](#)
- [NASA: The Electromagnetic Spectrum](#)
- [Cancer.gov: Electromagnetic Fields Fact Sheet](#)
- [W.H.O Global Solar UV Index: A Practical Guide \(PDF\)](#)
- [EPA.gov: Ultraviolet \(UV\) Radiation and Sun Exposure](#)