

## Water Meter Replacement



The City of Crest Hill is replacing about 300 Rockwell water meters in town with Sensus iPERL water meters.

The new iPERL meters will allow the City to install Advanced Metering Infrastructure (AMI) that will provide better customer service, reduce operational costs and greater access to data. These new meters will automatically transmit readings wirelessly, meaning the City can be more efficient and reduce water system costs by preventing manual device recording errors and eliminate time-consuming manual meter reading altogether.

Crest Hill water customers will be contacted in order to set up an appointment to receive a new water meter. The City has partnered with United Meters, Inc. of Morris, Ill. to perform this meter update. United Meters will need access to each Crest Hill home to replace the meter and will work with each household to arrange a convenient appointment to complete this task.

Installation of the new meters will be conducted at no cost to customers. The new meters alone will not result in a rate increase.

### **About the Sensus iPerl Meter and AMI System**

The City selected the iPERL due to its good performance record and overall service, as well as the experience of the manufacturer, cost savings it provides to the City, and its 20-year warranty, which is much greater than the meters they will replace.

Approximately 200 Sensus iPERL water meters are already installed in Crest Hill homes and have been for more than 12 months. The City has seen no major issues in the operation of the Sensus iPERL meters since their introduction. In fact, more than 3 million iPERL meters have been in service since 2010 in other municipalities in the Chicago area and across the country.



The iPERL water meters record the data, and the radio then transmits those readings wirelessly to a drive-by city vehicle equipped with a computer collection unit. Under the proposed new system, meter readings will continue to be collected under the current schedule.

The new meters provide additional functions that enhance the ability to obtain additional readings more frequently through Advance Metering Infrastructure, both the City and its customers potentially have more accurate information to abrupt or abnormal changes in water use when billing issues arise.

The project will take about 90 days to complete, and installation is expected to begin in mid-March, 2017.

Once the meter replacement is completed, the City will be able to reduce the amount of manual reading due to the iPERL's remote reading capability technology. This phase of meter change-outs should be operational by the end of spring 2017.

Other local communities that have installed iPERL meters include Orland Park, Oak Forest, Homewood, Palos Park, Palos Hills, Palos Heights, Frankfort, Spring Grove, Joliet, Aurora, Palatine, Buffalo Grove, New Lenox, Tinley Park and Glenview.

Below are the links to learn more about the technology, experience and safeguards of the Sensus iPERL meter and AMI system:

- [Sensus iPERL Meter and AMI System Fact Sheet](#)
- [Automatic Metering Infrastructure and Wireless Radio Frequency](#)