

YOUR NEW WATER METER

VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT

AUTOMATIC METER READING

Vandenberg Village Community Services District is more than halfway through a comprehensive project to replace every water meter in the District with an Automatic Meter Reading (AMR) capable meter.

An AMR meter allows us to collect meter reads without leaving the vehicle. This will save the District over 300 man-hours in labor costs per year as well as provide you with 100% meter reading accuracy. A few customers may see a slight increase in their bill. This is because, as meters age, they do not measure all of

AN AMR METER IS NOT A "SMART METER." IT ONLY PROVIDES ONE-WAY COMMUNICATION BETWEEN THE METER AND THE COMPUTER.

the water flowing through them.

The AMR uses 3G technology (similar to a cellular phone) to broadcast the meter reading to a laptop computer in our vehicle. The technology operates in the 902-928 MHz bandwidth and

complies with FCC Part 15 regulations. This radio frequency has a very short range, not much further than a garage door opener or a cordless telephone, and will not interfere with any other electronic devices in your home. This equipment operates at a very low level, comparable to radio waves already in the environment, and there have been no health or safety concerns associated with AMR meters.

An AMR meter is not a "smart meter." It only provides one-way

communication between the meter and the computer.

An added benefit, one that many customers have already been able to take advantage, is the

ability to retrieve 4,000 points of data (approximately 5½ months of hourly meter reads) from the device. These data points are used to assist you with determining when, during the day, you used the highest amount

AMR BENEFITS

- More accurate meter readings. Readings are 100% accurate. No more human error.
- More complete consumption history available. Meter can tell us when a leak began.
- No need for us to physically read the meter every month.
- Will save the District about 300 man-hours per year in labor costs.

of water and can only be accessed by a technician with special equipment within 300 feet of the meter. It can also alert us that you have a continuous leak and when the meter has stopped working. We cannot monitor your usage or control your water meter from our office.

If you have any questions, or would like more information on AMR meters, please call us at (805) 733-2475.

AMR (VVCSD)

- One-way transmission of data from meter to laptop within 300 feet of meter
- Usually accessed only once per month
- Meter reading retrieval capability

AMI "Smart Meter" (PG&E)

- Two-way communication between meter and receiver
- Continuous connectivity
- Usage monitoring capability