

WMAC Meeting Minutes for April 16, 2020

Attendees: David Crosby – Chair, David Brookfield, Anne Carney, David Hearne, Lealdon Langley, Robert (Rory) McGregor – Secretary, Chris Pimentel – Vice-Chair

Guests: Eric Hooper, Superintendent- Sharon DPW; Rob Terpstra – Water Department Supervisor; Margaret McCarthy, Weston & Sampson; Dan McGuire, Representative – Fitzgerald Company for Kamstrup Water Meter; Ethan Ross, AMI Specialist – Ferguson Waterworks for Master Meter

1. Minutes for WMAC February 20, 2020 meeting were approved.
2. Dan McGuire presented Kamstrup's residential water meter which uses ultrasonic technology to measure flow down to .25 gal/hour (leak detection threshold). Company is based in Denmark with US headquarters in Roswell (Atlanta). 750K water meters are installed in US annually. Kamstrup provides fixed network only for data transmission. Meter samples flow every 4 seconds and transmits data to the network every 3 hours; meter can store up to 100 days of data. Product warranty is up to 20 years. Battery life on meter can last up to 20 years depending on usage. Meter cost may be up to 30% more expensive than conventional positive displacement with nutating disc design.
3. Ethan Ross presented Master Meter's range of products for residential water usage (nutating disc, ultrasonic). Master Meter differentiates their offering with a "universal reading register" called Allegro which is the data collection module packaged as a separate product. Allegro is battery operated and can be mounted on existing water meters made by any manufacturer. Eric Hooper stated that Sharon plans to replace the complete water meter, so the "Allegro" only solution mounted on our residential Badger meters will not be appropriate. Product warranty for mechanical meter is up to 20 years, ultrasonic is 10 years.
4. Eric Hooper reported that water usage for Q1 is up due to families sheltering in place during the corona virus pandemic and hydrant flushing. Water restrictions for lawn irrigation (2 hours only on either Monday/Thursday or Tuesday/Friday) go into effect May 1st. Construction plans for MWRA emergency water connection to Norwood will go out for bid. ZBA approval is expected for the approved Massapoag water tank replacement. Completion of water pipe replacement in Sharon Heights will take place this summer.
5. Next WMAC meeting is scheduled to take place online on May 21 at 7:30pm via ZOOM conference call.

Respectfully submitted,

Rory McGregor