




Utility Field Operations


Wastewater Pumping
Wastewater Transmission
Stormwater
Water and Reuse Distribution
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MEMORANDUM #2019-53

DATE: October 8, 2019

TO: Jill Klaskin Press, CPPO, Acting General Services Director

FROM: Nathaniel Watson, Water/Reuse Distribution Supervisor 

C. A. Randolph Brown, Utilities Director 

SUBJECT: Standardization of Water and Reuse Distribution Water Meters

Utilities Water and Reuse Distribution, Divisions #3330 and #3355 have utilized and outfitted the City's water/reuse service areas with Neptune meters and appurtenances for the past 28 years. Throughout that period of time, the meters have proven to be very reliable and continue to evolve in design to provide operational advances. Also, the City benefits from a 35% cost discount towards equipment and supplies.

The system wide 2011 installation of Neptune smart meters and appurtenances streamlined the City's ability to collect water/reuse usage consumption remotely in near real-time while improving billing accuracy. Equally important, the infrastructure provides a safeguard to cross connection control by alerting staff to probable water quality and system integrity concerns related to backflow contamination into the City's potable water supply.

Continuing to standardize the City's service areas with Neptune water and reuse smart meters will ensure a continuity in service that the rate payers have come to expect. The Neptune eco system of software, equipment and supplies function to provide the City the means to deliver a dependable and trustworthy product that directly impacts customer inquiry, billing accuracy and system integrity.

Utilities Field Operations request standardization classification for Neptune meters and related appurtenances for the distribution systems. Neptune Technology Group Inc., is the sole source manufacture of its products. Equipment and supply procurement shall be through the following budgeted accounts:

- ❖ 420-7583-533-65-11
- ❖ 420-3355-533-64-65
- ❖ 412-3355-533-64-65

Collectively, Water and Reuse Distribution are estimated to do \$700,000 in procurement given regulatory requirements and the likely projection of construction in the City of Pompano Beach and its service areas.