

## SUPERINTENDENT'S REPORT FOR 2015

### Kittery Water District (KWD) Consumers:

The 2015 construction season was another busy one for our construction crew. In 2015, a total of 3,859 feet of replacement water mains were installed by our staff. One hundred percent of the piping material used on the four water main replacement projects was H.D.P.E. pipe.

The following is a list of the improvements that were made to the District's system in 2015:

Improvements / Additions to the Distribution System:	Asset Value
Ciampa Drive, York Roger Pratt Construction installed 333 feet of 4" IPS H.D.P.E. pipe and 2 water services	\$ 17,000.00 *
Manson Road, Kittery KWD and Ted Berry Company installed 440 feet of 6" H.D.P.E. pipe and renewed 7 water services (Abandoned 426 feet of 6" A.C. pipe and 18 feet of 6" C.I. pipe.)	\$ 42,295.00
Cutts Road / Picott Road, Kittery Cross Country Main KWD and Ted Berry Company installed 1,566 feet of 12" H.D.P.E. pipe (Abandoned 1,566 feet of 12" C.I. pipe)	\$ 80,906.00
Cider Hill Road, York KWD installed 1,545 feet of 12" H.D.P.E. pipe, replaced fire hydrant #17-Y and renewed 8 water services	\$ 130,483.00
Old Mast Road, York KWD installed 40 feet of 8" H.D.P.E. pipe	\$ 6,000.00
Mendum Avenue, Kittery KWD installed 268 feet of 4" H.D.P.E. pipe and renewed 7 water services	\$ 23,877.00
Ashley Morgan Court, Kittery Shapleigh and Sons Construction and KWD installed 798 feet of 8" H.D.P.E. pipe, installed one fire hydrant #313-K and installed 9 water services	\$ 51,333.00 **
Town of Kittery KWD replaced fire hydrant #51-K with a 3 way model KWD replaced fire hydrant #249-K with a 3 way model KWD replaced fire hydrant #229-K with a 3 way model	\$ 13,500.00
Town of Eliot KWD replaced fire hydrant #16-E with a 3 way model KWD replaced fire hydrant #17-E with a 3 way model	\$ 9,000.00
Services - 13 new, 35 renewals	\$ 15,040.00
Meters - 33 new	\$ 23,408.00

\* Contribution in aid of construction funds paid directly by the developer, Rick Ciampa, and contributed to the Kittery Water District.

\*\* Contribution in aid of construction funds paid directly by the developer, Peter Paul, and contributed to the Kittery Water District.

### Miscellaneous Improvements:

#### Meter Replacement and Meter Reading Technology Upgrade

Due to the age of our water meters, we have initiated a meter replacement program striving to replace 500 meters per year. In addition, the new meters are being installed with a radio receiver and transmitter that allows the meters to be read by a radio signal directly from the meter reading vehicle

\$ 60,555.00

#### York River, Scotland Bridge Road, York

Repairs to the 16" H.D.P.E. water main crossing the York River on Scotland Bridge Road. A deeper trench was dug, concrete collars installed on the pipe and then backfilled

\$ 55,039.00

#### Chemical Feeder, Filtration Plant

Replacement of the post lime dry chemical feeder at the filtration plant

\$ 8,000.00

Total

\$ 536,436.00

KWD (Kittery Water District)

H.D.P.E. (High Density Polyethylene)

Cost of electricity to pump 857,969,000 gallons of water

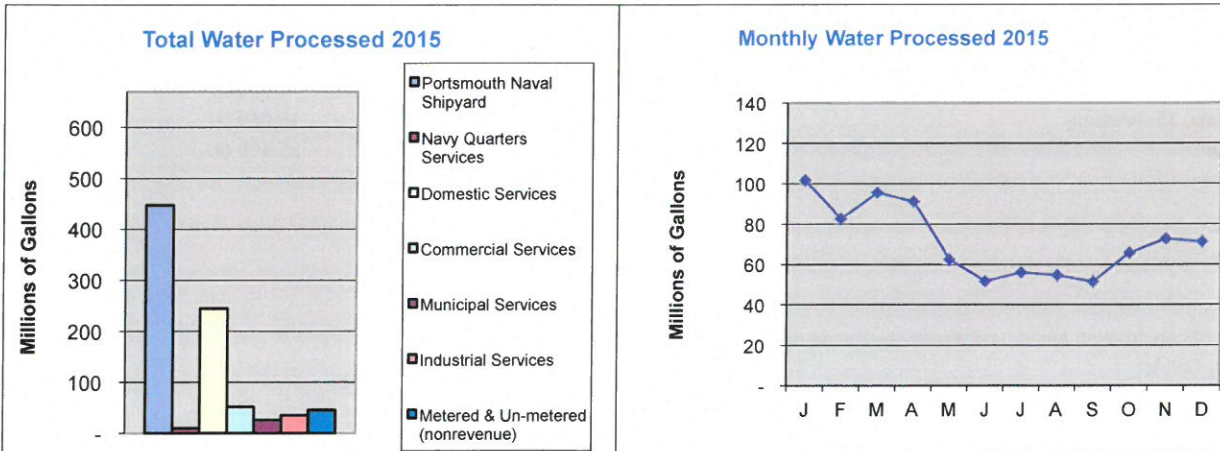
\$71,992.79

Water Processed in Gallons for the Year 2015

Navy Base	446,855,200
Navy Quarters-metered services	9,395,882
Metered domestic services	244,507,781
Metered commercial services	51,505,859
Metered municipal services	25,618,783
Metered industrial services	34,894,200
Metered & Un-metered (nonrevenue)	45,191,295
<b>Total Water Processed</b>	<b>857,969,000</b>
Average Daily Water Processed	2,350,600

Monthly Water Processed (gallons)

Jan	101,762,000
Feb	82,629,000
Mar	95,644,000
Apr	91,286,000
May	62,569,000
Jun	51,748,000
Jul	56,170,000
Aug	54,706,000
Sep	51,497,000
Oct	65,809,000
Nov	72,821,000
Dec	71,328,000
<b>Total Water Processed</b>	<b>857,969,000</b>



Respectfully submitted,

*Michael S. Rogers*

Michael S. Rogers  
 Superintendent  
 Kittery Water District