

**CITY OF PORT WASHINGTON
WATER UTILITY OPERATIONS
YEAR ENDED DECEMBER 31, 2017**

PUMPAGE

MONTH	2016 PUMPAGE	2017 PUMPAGE
January	34,693,000	35,748,000
February	31,128,000	30,606,000
March	32,826,000	33,685,000
April	32,656,000	31,905,000
May	35,199,000	33,208,000
June	39,308,000	36,257,000
July	43,718,000	39,758,000
August	42,914,000	39,863,000
September	37,079,000	36,754,000
October	34,065,000	34,170,000
November	30,164,000	32,306,000
December	33,275,000	33,395,000
TOTALS	427,025,000	417,655,000
		2% decrease
WE Energies	74,850,000 (18% of total)	70,863,000 (17% of total)

Average gallons pumped per day 1,144,000 gallons

Maximum gallons pumped per day was on November 15th. 1,534,000 gallons
Hydrant damage on Bywater Dr.

Minimum gallons pumped per day was on April 30th. 886,000 gallons

CHEMICAL USAGE

CHEMICAL	2016	2017
Carbon	468 lbs.	447 lbs.
Hydrofluosilic Acid	9,214 lbs.	9,617 lbs. (.63 ppm)
Phosphate	10,212 lbs.	10,971 lbs. (.30 ppm)
Chlorine	7,861 lbs.	7,821 lbs. (2.04 ppm)
PAC	36,611 lbs.	32,688.6 lbs. (8.54 ppm)

WATER MAINS

Water Mains Repaired

- 4/9/17 6" break at 1243 Lincoln Ave.
 - 5/4/17 6" break at 214 W. Beutel Rd.
 - 10/22/17 6" break at east of 1243 Lincoln Ave.
 - 11/9/17 6" break at 225 Summit Dr.
 - 11/15/17 6" hydrant lateral break on Bywater Dr.
 - 11/16/17 6" break at 114 W. Beutel Rd.
 - 11/21/17 6" break at 1106 Crestview Dr.
 - 11/27/17 4" break at 1624 Randy Circle
 - 12/13/17 10" break at 602 w. Pierre Lane
 - 12/18/17 6" break on 3rd Ave.
 - 12/29/17 4" break on Norview Circle
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- 11 breaks 2017
 - 14 – breaks 2016

New Water Mains Installed

- 200 ft. 8" PVC main installed on W. Pierre Lane as part of 2017 Street Improvement project

Water Mains Abandoned as part of 2017 Street Improvement

- 240 L.F. – 3" iron
- 1660 L.F. – 4" iron
- 4160 L.F. – 6" iron (doesn't include hydrant laterals)
- 395 L.F. – 8" iron

Water Mains Replaced / Installed as part of 2017 Street Improvement Project

- 8 L.F. – 4" PVC main installed
- 196 L.F. – 6" PVC main installed
- 6141 L.F. – 8" PVC main installed
- 486 L.F. – 10" PVC main installed

Water Main Valves Abandoned as part of 2017 Street Improvement project

- 4 – 4” valves
- 17 – 6” valves (includes 7 hydrant valves)
- 5 – 8” valves

New Water Main Valves Installed as part of 2017 Street Improvement project

- 13 – 6” valves (includes 11 hydrant valves)
- 29 – 8” valves
- 5 – 10” valves

HYDRANTS

New Hydrants Installed

- 1 – 6” hydrant installed for PWHS remodeling

Hydrants Replaced / Installed

- 11 – 6” hydrants installed as part of 2017 Street Improvement project
- 2 – 6” hydrants replaced

Hydrants Retired

- 10 – 6” hydrants

WATER SERVICES

New Water Services Installed

- 1 – 10” water service for future Harbor Club improvements
- 2 – 1” water service for lots on N. Montgomery St.
- 1 – 1” water service for 1030 W. Grand Ave.
- 1 1/4” water service for 1206 Noridge Tr.

Water Services Repaired

- 1 – 3/4” lead service repaired for 127 S. Garfield St.

Water Services Replaced / Installed

- 1 – 8” PVC service installed for 217 Freeman Dr.
- 1 – 1” PE service installed for 413 N. Wisconsin St.
- 1 – 6” service for Harbor Club
- 107 – 1” PE services installed as part of 2017 Street Improvement project
- 2 – 1 1/4” PE service installed as part of 2017 Street Improvement project
- 6 – 2” PE services installed as part of 2017 Street Improvement project

Water Services Retired

- 76 – 3/4” lead services as part of 2017 Street Improvement project
- 36 – 3/4” copper services as part of 2017 Street Improvement project
- 2 – 1 1/4” copper services as part of 2017 Street Improvement project
- 1 – 1 1/2” copper service as part of 2017 Street Improvement project

Fire Protection Services Activated

- 1 – 2” fire protection service for 336 Michael Ct.
- 1 – 4” fire protection service for 1605-1615 High Bluff Rd.
- 1 – 4” fire protection service for 1606-1616 High Bluff Rd.
- 1 – 4” fire protection service for 1619-1629 High Bluff Rd.
- 1 – 4” fire protection service for 1622-1632 High Bluff Rd.
- 1 – 4” fire protection service for 1639-1649 High Bluff Rd.
- 1 – 4” fire protection service for 1651-1661 High Bluff Rd.
- 1 – 6” fire protection service for 1243 Lincoln Ave. (Dunwiddie School)
- 1 – 8” fire protection service for 427 w. Jackson St. (PWHS)

METERS

New Meters Purchased

- 184 – 5/8” Sensus IPERL radio read meters
- 96 – 3/4” Sensus IPERL radio read meters
- 4 – 1” Sensus IPERL radio read meters

New Meters Installed

- 1 – 5/8” Residential meter
- 1 – 5/8” Commercial meter
- 62 – 3/4” Residential meters
- 4 – 3/4” Commercial meters
- 1 – 1 1/2” Commercial meter

Existing Meters Replaced

- 103 – 5/8” Residential meters
- 7 – 5/8” Commercial meter
- 73 – 3/4” Residential meters
- 6 – 3/4” Commercial meter
- 1 – 3/4” Multi-family meter
- 3 – 1” Commercial meter
- 1 – 1” Multi-family meter
- 1 – 1 1/2” Multi-family meter
- 1 – 1 1/2” Public Authority meter

Meters Disconnected From Existing Services

- 5 – 3/4” Commercial meters

Meters Retired

- 104 – 5/8” Residential meters
- 7 – 5/8” Commercial meters
- 70 – 3/4” Residential meters
- 6 – 3/4” Commercial meters
- 2 – 2” Commercial meters
- 1 – 2” Public Authority meter

Meters Tested

- 109 – 5/8” meters
- 71 – 3/4” meters
- 3 – 1” meters
- 8 – 1 1/2” meters

Meters Tested By L-R Meter Testing

- 1 – 1 1/2” meter
- 5 – 2” meters
- 9 – 3” meters
- 1 – 4” meter
- 1 – 6” meter