



2016 WATER UTILITY ANNUAL REPORT



**CITY OF PORT WASHINGTON
WATER UTILITY OPERATIONS
YEAR ENDED DECEMBER 31, 2016**

PUMPAGE

MONTH	2015 PUMPAGE	2016 PUMPAGE
January	33,986,000	34,693,000
February	30,840,000	31,128,000
March	35,197,000	32,826,000
April	32,602,000	32,656,000
May	34,744,000	35,199,000
June	36,815,000	39,308,000
July	41,405,000	43,718,000
August	39,256,000	42,914,000
September	37,322,000	37,079,000
October	32,966,000	34,065,000
November	31,078,000	30,164,000
December	31,891,000	33,275,000
TOTALS	418,102,000	427,025,000
		2% increase

Average gallons pumped per day 1,167,000 gallons

Maximum gallons pumped per day was on August 29th. 1,822,000 gallons

Minimum gallons pumped per day was on November 25th. 856,000 gallons

CHEMICAL USAGE

CHEMICAL	2015	2016
Carbon	366 lbs.	468 lbs.
Hydrofluosilic Acid	9952 lbs.	9214 lbs.
Phosphate	8875 lbs.	10212 lbs.
Chlorine	7142 lbs.	7861 lbs.
PAC	33,507 lbs.	36611 lbs.

WATER MAINS

New Water Mains Installed

- 554 ft. 12" PVC main installed in Mattheus Farms subdivision
- 1144 ft. 8" PVC main installed in Mattheus Farms subdivision

Water Mains Repaired

- 6" break on S. Garfield St. and Third Ave.
 - 01-19-16 6" break on Landolt St. and N. Holden St.
 - 02-09-16 3" break on Pierre Lane
 - 03-10-16 6" break at 535 W. Jefferson St.
 - 04-13-16 8" break on N. Benjamin St. and Barry Ave.
 - 05-18-16 6" break at 201 E. Whitefish Rd.
 - 06-02-16 8" break at 339 W. Norport Dr.
 - 09-08-16 6" break at 126 E. Main St.
 - 09-13-16 6" break at 335 S. High St.
 - 10-31-16 6" break on hydrant lateral on Glenlyon Ln.
 - 12-17-16 6" break at 330 W. Beutel Rd.
 - 12-20-16 10" break at 110 E. Pierron St.
 - 12-20-16 8" break at 249 E. Norport Dr.
 - 12-28-16 6" break at 211 W. Jefferson St.
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- 14 – breaks 2016
 - 22 – breaks 2015

Water Mains Replaced / Installed

- 9908 L.F. – 8" PVC main installed as part of 2016 Street Improvement project
- 149 L.F. – 6" PVC main installed as part of 2016 Street Improvement project
- 42 L.F. – 4" PVC main installed as part of 2016 Street Improvement project

Water Main Valves Replaced

- 1 – 6" valve on Summit Dr. south of Second Ave.

New Water Main Valves Installed

- 1 – 6" valve on Lincoln Ave. west of Summit Dr.

HYDRANTS

New Hydrants Installed

- 3 – 6” hydrants installed in Mattheus Farms development

Hydrants Replaced / Installed

- 15 – 6” hydrants installed as part of 2016 Street Improvement project

Hydrants Retired

- 15 – 6” hydrants

WATER SERVICES

New Water Services Installed

- 1 – 8” water service PWHS
- 1 – 1” water service 775 Schmitz Dr.
- 33 – 1” water services in Mattheus Farms development

Water Services Repaired

- 01-16-16 104 W. Main St.
- 02-23-16 125 S. High St., customer side
- 05-23-16 112-114 E. Grand Ave., customer side

Water Services Replaced

- 1 – 6” water service Dunwiddie School 1243 Lincoln Ave.
- 134 – 1” PE services installed as part of 2016 Street Improvement project
- 1 – 1 ¼” PE service installed as part of 2016 Street Improvement project
- 2 – 1 ½” PE services installed as part of 2016 Street Improvement project

Water Services Retired

- 10-18-16 201 E. Main St., 6” service abandoned
- 11-30-16 Dunwiddie School 1243 Lincoln Ave., 6” service abandoned
- 30 – ¾” lead services as part of 2016 Street Improvement project
- 105 – ¾” copper services as part of 2016 Street Improvement project
- 2 – 1 ¼” copper services as part of 2016 Street Improvement project
- 1 – 2” copper service as part of 2016 Street Improvement project

Fire Protection Services Activated

- 6 – 4” fire protection services
- 1 – 6” fire protection service
- 1 – 8” fire protection service

METERS

New Meters Installed

- 86 – ¾” Residential meters
- 10 – ¾” Commercial meters
- 1 – 1 ½” Commercial meter

Existing Meters Replaced

- 142 – 5/8” Residential meters
- 10 – 5/8” Commercial meter
- 80 – ¾” Residential meters
- 14 – ¾” Commercial meter
- 1 – 1” Commercial meter
- 2 – 1” Industrial meter
- 1 – 2” Public Authority meter

Meters Retired

- 123 – 5/8” meters – residential
- 5 – 5/8” meters – commercial
- 93 – ¾” meters – residential
- 15 – ¾” meters – commercial
- 1 – 1” meter – commercial
- 2 – 1” meters – industrial
- 1 – 3” meter – public authority