

**CITY OF PORT WASHINGTON
WATER UTILITY OPERATIONS
YEAR ENDED DECEMBER 31, 2019**

PUMPAGE

MONTH	2018 PUMPAGE	2019 PUMPAGE
January	35,442,000	36,641,000
February	32,036,000	35,462,000
March	35,639,000	35,542,000
April	31,448,000	33,649,000
May	34,895,000	37,343,000
June	38,862,000	38,291,000
July	42,868,000	40,294,000
August	44,394,000	44,007,000
September	39,543,000	41,650,000
October	34,540,000	39,927,000
November	33,775,000	34,844,000
December	36,248,000	35,066,000
TOTALS	439,690,000	452,716,000
		3% increase
WE Energies	77,115,000 (18% of total)	102,054,000 (23% of total)

Average gallons pumped per day 1,240,000 gallons

Maximum gallons pumped per day was on February 6th 1,719,000 gallons

Minimum gallons pumped per day was on November 4th 927,000 gallons

CHEMICAL USAGE

CHEMICAL	2018	2019
Carbon	504 lbs.	88 lbs.
Hydrofluosilic Acid	9,800 lbs.	9,975 lbs.
Phosphate	12,813 lbs.	14,668 lbs.
Chlorine	8,042 lbs.	7,989 lbs.
PAC	42,214.8 lbs.	53,117 lbs.

WATER MAINS

Water Mains Repaired

- 1/18/19 6" break at 301 High St
 - 1/22/19 8" break at 1100 N Benjamin St
 - 1/29/19 6" break at intersection of Neisen and Briarwood
 - 1/30/19 6" break at intersection of W Whitefish and N Benjamin
 - 1/31/19 6" break at intersection of N Webster St and W Walters St
 - 2/1/19 6" break at intersection of N Roger St and W Melin St
 - 2/3/19 12" break between E Pier St and E Washington St on N Lake St
 - 2/6/19 6" break on north end of N Roger St
 - 2/16/19 6" break at 412 Jacque Ln
 - 2/18/19 6" break at 400 Oakland Ave
 - 3/4/19 6" break at 408 Tower Dr
 - 3/25/19 8" break at 1568 Parkway Dr
 - 3/27/19 6" break at 1024 Nelson Dr
 - 5/19/19 6" break at 1219 Nelson Dr
 - 8/21/19 8" break at 502 W Walters St
 - 11/16/19 8" break at 1624 N Benjamin St
 - 12/9/19 8" break at intersection of Woodland Ave and Alley east of N Crowns ST
 - 12/22/19 4" break at 338 Portland Ct
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- 18 breaks 2019
 - 24 breaks 2018

New Water Mains Installed

- 12 L.F. 6" PVC Grant St.
- 353 L.F. 8" PVC Grant St.
- 53. L.F. 6" PVC The Reserve at High Bluff II
- 1,584 L.F. 8" PVC The Reserve at High Bluff II

Water Mains Abandoned as part of 2019 Street Improvement

- 4 L.F. 4" Iron main
- 4,360 L.F. 6" Iron main
- 30 L.F. 8" Iron main
- 1,442 L.F. 10" Iron main

Water Mains Replaced / Installed as part of 2019 Street Improvement Project

- 4 L.F. 4" PVC main installed
- 240 L.F. 6" PVC main installed
- 2801 L.F. 8" PVC main installed
- 259 L.F. 10" PVC main installed
- 1176 L.F. 10" Directionally Drilled Flexible main installed

Water Main Valves Abandoned as part of 2019 Street Improvement project

- 2 4" valves
- 17 6" valves
- 2 10" valves

New Water Main Valves Installed as part of 2019 Street Improvement project

- 13 6" valves
- 12 8" valves
- 5 10" valves

New Water Main Valves Installed Grant St

- 1 6" valve
- 1 8" valve

New Water Main Valves Installed The Reserve at High Bluff II

- 5 6" valves
- 6 8" valve

Water Main Valves Replaced

- 1 4" 2nd and Garfield

Water Main Valves Repaired

- 1 6" 1203 Nelson DR

HYDRANTS

New Hydrants Installed

- 5 6" hydrants The Reserve at High Bluff II

- 1 6" hydrant Grant
- 3 6" hydrants 2019 Street Improvement project

Hydrants Replaced / Installed

- 5 6" hydrants installed as part of 2018 Street Improvement project
- 1 6" hydrant replaced 350 E Seven Hills Rd

Hydrants Retired

- 3 6" hydrants

WATER SERVICES

New Water Services Installed

- 1 1" water service off of W Van Buren St for Friedens Church
- 11 4" water services The Reserve at High Bluff II
- 8 1" water services Grant St

Water Services Repaired

- None

Water Services Replaced / Installed

- 58 1" PE services installed as part of 2019 Street Improvement project
- 1 1 ¼" PE service installed as part of 2019 Street Improvement project
- 3 1 ½" PE services installed as part of 2019 Street Improvement project

Water Services Retired

- 2 2" service off N Harrison St Friedens Church

Fire Protection Services Activated

- 1 4" fire protection service for 1800 N Wisconsin St
- 1 4" fire protection service for 313-319 Pier St
- 1 8" fire protection service off of W Van Buren St for Friedens Church

METERS

New Meters Purchased

- 160 5/8" Sensus IPERL radio read meters
- 200 3/4" Sensus IPERL radio read meters
- 5 1" Sensus IPERL radio read meters

New Meters Installed

- 56 3/4" Residential meters
- 2 3/4" Commercial meters
- 1 1" Commercial

Existing Meters Replaced

- 64 5/8" Residential meters
- 1 5/8" Commercial meter
- 77 3/4" Residential meters
- 5 3/4" Commercial meters
- 2 1" Commercial meters
- 1 1" Multi-Family meter

Meters Disconnected From Existing Services

- 5 5/8" Residential meters
- 1 3/4" Commercial meter
- 1 1" Commercial meter
- 1 2" Governmental meter

Meters Retired

- 67 5/8" Residential meters
- 2 5/8" Commercial meters
- 76 3/4" Residential meters
- 2 2" Commercial meters
- 1 1" Multi-Family

Meters Tested

- 50 5/8" meters

- 50 3/4" meters
- 2 1" meters
- 2 1 1/2" meters

Meters Tested By L-R Meter Testing

- 9 2" meters
- 8 3" meters
- 1 4" meter
- 1 6" meter
- 1 10" meter
- 1 12" meter