CITY OF PORT WASHINGTON
WATER UTILITY OPERATIONS
YEAR ENDED DECEMBER 31, 2022

MONTHLY PUMPAGE (GALLONS)

MONTH	2021 PUMPAGE	2022 PUMPAGE
JAN	32,307,000	32,044,000
FEB	32,383,000	30,350,000
MAR	35,830,000	33,320,000
APR	31,150,000	32,028,000
MAY	34,338,000	34,745,000
JUN	40,192,000	36,168,000
JUL	41,657,000	38,540,000
AUG	38,295,000	42,287,000
SEP	34,951,000	33,123,000
OCT	31,596,000	32,486,000
NOV	29,680,000	29,927,000
DEC	31,817,000	35,305,000
TOTALS	414,196,000	410,323,000
	Decrease in pumpage	0.9%
WE ENERGIES	65,438,000	63,436,000
% OF TOTAL	15.8%	15.5%

YEARLY PUMPAGE SUMMARY - Gallons

AVERAGE GPD pumped in 2022	1,124,173
Maximum GPD pumped on 8/16/2022	1,918,000
Reason:	
MINIMUM GPD pumped on 3/22/2022	780,000

CHEMICAL USAGE

CHEMICAL	2021	2022
Carbon (lbs)	383	0
Hydrofluosilic Acid (lbs)	9,874	9,830
Phosphate (lbs)	14,580	14,340
Chlorine (lbs)	8,220	7,393
PAC (lbs)	38,046	36,097

WATER MAINS

Water Mains Repaired

- 1/8/2022 415 W Norport Dr 8” 200k/gal
- 1/23/2022 1508 Parkway Dr 8” 75k/gal
- 1/30/2022 1534 Parknoll Ln 6” 75k/gal
- 2/3/2022 1503 Scott Rd 6” 400k/gal
- 2/9/2022 1530 Scott Rd 6” 400k/gal
- 2/14/2022 1530 Scott Rd 6” 80k/gal
- 3/15/2022 1047 Fairview Dr 6” 550k/gal
- 3/23/2022 690 W Oakland Ave 6” 265k/gal
- 4/22/2022 1506 Scott Rd 6” 80k/gal
- 5/25/2022 314 High St 6” 50k/gal
- 6/22/2022 1415 Norview Cir 4” 500k/gal
- 6/29/2022 Melin St & Roger St 6” 315k/gal
- 7/21/2022 1508 Parkway Dr 8” 140k/gal
- 11/11/2022 128 Crocker St 6” 75k/gal

- 14 Breaks in 2022
- 8 Breaks in 2021
- 9 Breaks 2020
- 18 Breaks 2019

Estimated Water Lost from Main Breaks: 3,205,000 gal

New Water Mains Installed

- 63.3 L.F. 6" PVC (Prairies Edge Subdivision Phase 2)
- 1,126.7 L.F. 8" PVC (Prairies Edge Subdivision Phase 2)
- 1,234 L.F. 8" PVC (Highland Pointe)
- 73 L.F. 6" PVC (Highland Pointe)

Water Mains Replaced / Installed as part of 2022 Road Improvements

- 207.9 L.F. 6" PVC
- 919.3 L.F. 8" PVC
- 1,403 L.F. 10" PVC

New Hydrants Installed

- **4 6" Hydrants (Prairies Edge Phase 2) Hydrant Numbers**
  H-644 Sheiling Lane
  H-645 Sheiling Lane
  H-646 Sheiling Lane
  H-647 Sheiling Lane

- **2 6" Hydrants (2022 Road Reconstruction)**
  H-648 611 W Pierre St
  H-649 E Jackson & N Lake St

- **7 6" Hydrants (Highland Pointe)**
  H-637 Highland Pointe Way & Misty Ridge
  H-638 Misty Ridge Ln Between Windrush & Highland
  H-639 E Sauk Rd & Misty Ridge Ln
  H-640 Highland Pointe Ct & Ridgeview Cir
  H-641 Highland Pointe Ct
  H-642 Ridgeview Cir
  H-643 Windrush & Misty Ridge Ln

Hydrants Replaced / Installed

- **7** **6” Hydrants (2022 Road Reconstruction)**

H-55	1605 N Holden St
H-189	Pierre & Orchard Intersection
H-190	612 N Sauk Dr
H-191	527 Barnich Rd
H-192	632 N Sauk Dr
H-581	126-128 N Park St
H-582	183 N Park St

Water Main Valves Abandoned as part of 2022 Street Improvement Project

- **11** 6” Gate Valves
- **1** 8” Gate Valves
- **4** 10” Gate Valves

Water Main Abandoned as part of 2022 Street Improvement Project

- **788.5 L.F.** 6” Water Main
- **79.6 L.F.** 8” Water Main
- **1,500.3 L.F.** 10” Water Main (Pierre & Lake St)

Water Main Valves Installed as part of 2022 Street Improvement Project

- **10** 6” Gate Valves
- **3** 8” Gate Valves
- **9** 10” Gate Valves

Water Main Valves Installed as part of Prairies Edge Subdivision (Phase 2)

- **4** 6” Gate Valves (Hyd 644 & Hyd 647)
- **8** 8” Gate Valves (Prairie’s Edge Way & Seanma Wynd)

Water Main Valves Installed as part of Prairies Edge Subdivision (Highland Point)

- **7** 6” Gate Valves (Hyd 637 & Hyd 643)
- **8** 8” Gate Valves (Prairie’s Edge Way & Seanma Wynd)

Water Main Valves Installed as part of Highland Pointe

- **6** 6” Gate Valves
- **13** 8” Gate Valves

New Water Services Installed

- **38** Highland Pointe Way & Misty Ridge Lane
- **8** 1.25” Services (Shieling Lane)

Water Services Replaced as part of 2022 Street Improvement Project

- **31** 1” Services (N Park St, N Lake St, Barnich, Sauk, Pierre Ln)
- **1** 2” Services (Cemetery, N Park St)

Water Services To Retire from Plant Ledger

- 0

Fire Protection Services Activated

- 1 6” 1505 Sunset Rd
- 1 4” 1740 W Grand Ave
- 1 4” 301-307 N Lake St

METERS

New Meters Purchased

- 56 5/8” Sensus IPERL radio read meters
- 160 ¾” Sensus IPERL radio read meters
- 0 1” Sensus IPERL radio read meters
- 1 2” Badger E Series
- 0 3´ Badger E Series

New Meters Installed

- 0 5/8” Residential meters
- 0 5/8” Commercial meters
- 24 3/4” Residential meters
- 8 3/4" Commercial meters
- 2 1” Commercial
- 1 2” Commercial

Existing Meters Replaced

- 20 5/8” Residential meters
- 0 5/8” Commercial meter
- 15 3/4” Residential meters
- 3 3/4” Commercial meters
- 2 1” Commercial meter
- 0 2” Public Authority meter
- 0 2” Commercial meters
- 0 2” Industrial meter
- 0 3” Public Authority meters

Meters Disconnected From Existing Services

- 1 5/8” Residential meter
- 0 ¾” Residential meter
- 1 ¾” Commercial meter
- 0 1” Commercial meter
- 0 2” Governmental meter

Meters Retired

- 20 5/8” Residential meters
- 0 5/8” Commercial meters
- 15 ¾” Residential meters
- 3 ¾” Commercial meters
- 2 1” Commercial meters
- 0 1.5” Industrial meter
- 0 2” Commercial meters
- 0 3” Public Authority meters

Meters Tested

- 78 5/8” meters
- 8 ¾” meters
- 0 1” meters
- 13 1 ½” meters

Meters Tested By L-R Meter Testing

- 0 1 1/2” meters
- 6 2” meters
- 5 3” meters
- 3 4” meters
- 3 6” meters
- 1 10” meter
- 1 12” meter