

Water Authority of Western Nassau County Fact Sheet

Updated June 1, 2017

| Question | Answer | |
|--|---|--|
| Date of Creation as a Corporate Governmental Agency | July 25, 1990 | |
| Date of First Providing Water Service | May 29, 1996 | |
| Business | Extraction, treatment, distribution and sale of water for residential, commercial, industrial and public fire protection purposes. | |
| Population Served | Approximately 120,000 | |
| Number of Customers | 27,956 | |
| Number of Wells | 24 wells at 15 different locations | |
| Area of Service Territory | Approximately 10.9 square miles | |
| Service Territory | 9.0 square miles located in the Town of Hempstead; and 1.9 square miles located in the Town of North Hempstead | |
| Town of Hempstead | Incorporated Areas include: Bellerose Floral Park Garden City <i>(Portion Only)</i> New Hyde Park South Floral Park Stewart Manor Unincorporated Areas include: Bellerose Terrace Elmont Franklin Square <i>(Portion Only)</i> North Valley Stream <i>(Portion Only)</i> | Total Meters 410 4,270 351 1,325 402 <u>653</u> 7,411 607 8,804 1,505 <u>3,584</u> 14,500 |
| Town of North Hempstead | Floral Park Floral Park Centre New Hyde Park | 650 173 <u>5,008</u> 5,831 |
| Number of Metered Residential Customers | 26,352 | |
| Number of Metered Commercial and Industrial Customers | 1,390 | |

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| Number of Flat Rate Private Fire Protection Hookups | 202 |
| Number of Municipal Fire Districts | 12 |
| Source of Water Supply | Underground water aquifers |
| Depth of Wells | 87 to 722 feet in depth |
| Type of Wells | 16 to 26 inches in diameter with steel casings |
| Number of Well Pumps in Service | 22 (7 discharge directly into the distribution system and 15 into steel or concrete storage tanks) |
| Number of Booster Pumps | 18 with a combined rated capacity of 47,300,000 gallons per day. These booster pumps move water from storage tanks into the distribution mains. |
| Number of Ground Storage Tanks Made of Steel or Concrete | 4 with a combined capacity of 8,600,000 gallons |
| Number of Elevated Tanks | 3 with a combined capacity of 3,250,000 gallons |
| Total Storage Capacity | 11,850,000 gallons |
| Water Treatment | All water is treated with sodium hypochlorite prior to distribution for disinfection purposes. Sodium hydroxide is added at 8 wells to neutralize the naturally acidic water found in the Long Island aquifers. Well water at 2 wells is also treated with zinc metaphosphate to sequester iron which occurs naturally in raw water. All other wells are treated with zinc orthophosphate as a corrosion inhibitor treatment. Additionally, 11 wells are treated by packed Tower Aeration and 1 well by GAC treatment for the removal of volatile organics. Well water at 3 wells are treated for iron removal. |
| Miles of Pipe | Approximately 234 miles |
| Number of Interconnections | not |
| Number of Fire Hydrants | 2,432 |
| Billing | <i>Metered Customers</i> are billed quarterly in arrears. <i>Private Fire Protection</i> is billed quarterly in advance in February, May, August and November. |

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| | Public Hydrants are billed quarterly in advance in January, April, July and October. | | |
| Payments | Bills are payable upon receipt. | | |
| Late Payment Charges | Bills not paid within 25 days of billing are subject to a late payment charge of 1% per month on the unpaid balance. | | |
| Well Caps <i>Five Year Average (2012 to 2016)</i> <i>Maximum Year (2015)</i> | <i>DEC Limit</i> 5,803 MG 6,180 MG | <i>Actual Pumpage</i> 4,285 MG 4,518 MG | <i>% Under Cap</i> 26.2% 26.9% |
| Outside Water Usage | Prohibited year round from 10:00 AM to 4:00 PM. In addition, customers with odd-numbered addresses may only water on odd-numbered days. Customers with even-numbered addresses may only water on even-numbered days. Premises without a numbered address may only water on even-numbered days. | | |
| Service Charges | Customers who violate the above restrictions are subject to the following service charges: <i>1st Offense:</i> Warning <i>2nd Offense:</i> \$50 <i>3rd Offense:</i> \$75 <i>4th Offense:</i> \$100 <i>Each additional offense:</i> \$300 | | |
| Design Criteria - Nassau | <i>Average Day</i> | 16.8 MGD | |
| | <i>Maximum Day</i> | 33.6 MGD | |
| | <i>Maximum Hour</i> | 53.8 MGD Rate | |
| | <i>Well Capacity</i> | 38.287 MGD (Maximum Day) | |
| | <i>System Capacity</i> | 64.1 MGD Rate (Maximum Hour) | |
| Consumption & Cost (Average Residential) | The current minimum quarterly charge effective June 1, 2017 is \$45.49 for the first 9,000 gallons and \$4.162 per thousand gallons for the next 135,000 gallons used. Large users pay \$4.264 per thousand gallons for usage over 144,000 gallons. The average annual residential charges for the 6/1/17 to 5/31/18 fiscal year (based on average usage of 105,300 gallons per year) will be about \$471. | | |
| Organizations Which Oversee the Water Authority of Western Nassau County | The Water Authority of Western Nassau County is subject to the jurisdiction of the Nassau County Department of Health, the New York State Department of Health and the New York State Department of Environmental Conservation. | | |

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| Board of Directors | The Water Authority of Western Nassau County is governed by a Board of Directors consisting of nine members; two appointed by the Town of Hempstead, one appointed by the Town of North Hempstead, and one member each appointed by the village boards of the Villages of Bellerose, Floral Park, Garden City, New Hyde Park, South Floral Park and Stewart Manor. Each member's term is for a period of two years. |
| Officers | John E. Ryan., Chairman Michael J. Tierney, Superintendent |
| Staff | 48 Employees (47 full time, 1 part time) |
| About the Water Authority of Western Nassau County | <p>The Water Authority of Western Nassau County is a self-supporting, public benefit corporation operating by virtue of the Public Authorities Law of the State of New York. It is without taxing power and operates as a business enterprise.</p> <p>The only revenue the Water Authority of Western Nassau County receives is that obtained from the sale of water to its customers. The Water Authority of Western Nassau County is non-profit; all revenue received must be used for operating expenses, construction costs and for paying outstanding debts.</p> |
| Office Location: Web Site Address: General Questions Can Be Sent To: | 1580 Union Turnpike New Hyde Park, NY 11040 Phone: 516-327-4100 Fax: 516-327-4132 www.wawnc.org inquiry@wawnc.org |