

New Hanover Township Authority – Fact Sheet

Who We Are: NHTA proudly employs **four (4)** licensed operators dedicated to the operation and maintenance of our:

- **Wastewater Treatment Plant (WWTP)**
- **Pump Stations**
- **Collection Systems**

Key Numbers:

- **Equivalent Dwelling Units (EDUs) for 2023:** 3,602
- **EDUs Left for Service (Act 537 Plan Update Revision from Feb 2003):** 5,617
- **Quarterly Sewer Rental Charge:** \$150.00 per EDU

System Capacity:

- **Design Capacity:** 3.08 Million Gallons per Day (MGD)
- **2023 Average Annual Flow:** 0.636 MGD
- **Hydraulic Design Capacity:** 3.08 MGD
- **Organic Design Capacity:** 3,370 lb BOD5/day

Collection System Overview: The NHTA sanitary sewer infrastructure, operational since 1980, serves portions of New Hanover Township and does not have any inter-municipal connections. The collection system is comprised of approximately:

- **51 miles** of gravity sewer main ranging from 8-inch to 30-inch pipe
- **12,000 feet** of 4-inch and 16-inch force main
- **3,250 feet** of 1.5-inch to 2-inch low-pressure sewer main
- **1,225 gravity manholes**

Pipe Materials:

- Polyvinyl Chloride (PVC)
- Asbestos Cement Pipe (ACP)
- Ductile Iron Pipe (DIP)
- High Density Polyethylene (HDPE)

Pump Stations:

1. **Swamp Creek Pump Station**
 - Serves: **1,731 EDUs**
 - Location: New Hanover Square Road
 - Total 2023 Flow: **115,444,783 gallons**
 - Equipped with a flow meter
 2. **Acorn Hills Pump Station**
 - Serves: **31 EDUs**
 - Location: Samantha Way, Acorn Hills Development (Bella Vista)
 - Future Connections: None anticipated
 - No flow meter; annual average flow is calculated by multiplying the number of EDUs served by the flow per EDU shown in the Chapter 94 Spreadsheet located in Appendix A, which was **176.6 gpd/EDU in 2023.**
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Biosolids Management:

- **Dewatering and Storage:** Liquid sludge from the WWTP is dewatered, stored, and disposed of as sludge cake in roll-off containers.
 - **Disposal:** Hauled offsite by JP Mascaro & Sons to Pioneer Crossing Landfill (DEP Permit No. 100346).
 - **2023 Total Biosolids Hauled Off-Site: 119.11 dry tons**
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Tapping Fees:

- **General Tapping Fee:** \$3,469 per EDU, plus any applicable special purpose part
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Sassamansville Sewer Extension (Intermunicipal Agreement with BMMA):

- **Serves:** Customers in the Sassamansville area
- **Special Purpose Part Tapping Fee:** \$15,000 per EDU
- **Additional Fees:** Properties are also subject to the current BMMA tapping fee
- **BMMA Tapping Fee (as of September 2022):** \$9,500 per EDU
- **Capacity Reserved for New Hanover Township:** 50 EDUs

Current Connections:

- Total Connected: 40 EDUs
 - Residential: 36 EDUs
 - Commercial: 4 EDUs
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For More Information:

NHTA webpage: https://www.newhanover-pa.org/departments/sewer_authority.php

