

Poolesville's Annual Wastewater Capacity Report

January 11, 2023

As outlined in Poolesville's adopted Capacity Management Plans, by January 31 each year, the Town is required to develop and submit to the MDE a Municipal Wastewater Capacity Report. The reports will include the three most recent years of flow data contained in the Discharge Monitoring Reports. To determine the annual average flow, the monthly average flow for each month will be averaged with the other monthly averages.

The Town has developed the following procedures to manage wastewater capacity and to control the distribution of capacity to avoid burdens to the system and to maintain sufficient set aside to accommodate the system.

According to the MDE, use of an estimate of 250 gallons per day (gpd) per single-family dwelling or 100 gpd per person is a common practice. Although actual domestic usage may be less, the Town's figure of 325 per household includes allowances for I&I.

The following methodology is used in the annual wastewater capacity determinations:

- Calculate the past three-year averages
- Calculate the number of allocated (not connected) sewer connections that the local government has provided a written commitment
- Subtract this sum from the permitted 750,000 gpd
- The remaining balance is the **net available wastewater capacity**

Average Flows

| | |
|------|-------------|
| 2020 | 630,000 GPD |
| 2021 | 517,000 GPD |
| 2022 | 541,000 GPD |

Three-Year Rolling Average- 563,000 GPD

Commercial Allocations – Donegan – **12,753 GPD**

Lots approved to build – 11 units or **3,575 GPD**

- Highfill (Hughes Rd) 1, Jamison (Hughes Rd) 2, Fox Hunt (Hughes Rd) 4, Grace Cottages (Fisher Ave) 3, Brightwell (Elgin Rd) 1

Preliminary Plan Approved – 72 units – or **23,400 GPD**

- Willard (Fisher Ave) 63, Hartz (Fisher Ave) 9

2022 Net Available Wastewater Capacity

| | |
|--|--------------------|
| Discharge Permit | 750,000 GPD |
| 3-Yr Rolling avg. | -563,000 GPD |
| Allocations | -39,728 GPD |
| Net Available Wastewater Capacity | 147,272 GPD |