

Poolesville's Annual Sewage Capacity Report

January 19, 2010

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 Sewage 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, this figure includes allowances for I&I. Taking into account that new construction will be virtually free of I&I, the Town is conservatively using 325 gallons per day per single-family dwelling well above the 290 gpd as recommended in the 2005 Master Plan.

June 4, 2007, the following allocations were granted:

<u>APPLICANT</u>	<u>TAPS</u>	<u>GPD CALCULATION</u>
Town of Poolesville		5,000 gpd
Winchester	98 taps	31,850 gpd
Kettler	79 taps	25,625 gpd
Hernandez/Powell	4 taps	1,300 gpd
Kohlhoss/Haverhill	4 taps	1,300 gpd
C. Jamison (CBD)	1 tap	875 gpd
C. Jamison (Norris Road)	1 tap	1,050 gpd
Masden/Fost	1 tap	325 gpd
Koeser/Hersperger	1 tap	325 gpd
Willard, D.J.	2 taps	650 gpd
Quito/Schulman	4 taps	1,300 gpd
Total	195 taps	69,600 gpd

April 6, 2009, The following allocations were granted:

<u>APPLICANT</u>	<u>TAPS</u>	<u>GPD CALCULATION</u>
Brightwell Crossing (Phase II)	98	31,850gpd
Donegan	Coml.	12,753gpd
Jamison (Townhouse)	19	6,175gpd
Jamison Westerly	60	19,500gpd
Longshore	6	1,950gpd
Vinci/Slaysman	12	3,900gpd
Rabanales	4	1,300gpd
Brown	4	1,300gpd
Brooks	2	650gpd
Pierce	4	1,300gpd

Hartz	1	325gpd
Hartz (18 acre)	1	325gpd
Jamison (Cattail)	4	1,300gpd
Jamison	3	975gpd
Total		83,603gpd

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

2007	520,333 GPD
2008	584,133 GPD
2009	678,524 GPD

Three-Year Rolling Average- 594,330 GPD

Allocations Granted in 2007	69,600 GPD
Allocations Granted in 2009	83,603 GPD

2009 Net Available Wastewater Capacity

Permit	750,000 GPD
Rolling avg.	-594,330 GPD
<u>Allocated</u>	<u>-153,203 GPD</u>
Net Available Wastewater Capacity	2,467 GPD