

Town of Hinesburg Water Use Ordinance

Appendix E Annual Allocation Pool Designations

Annual Allocation Pool Designations Form

The following water allocation pool designations were made and approved by the Board for the period:

July 1, 2016 to June 30, 2017

Permitted Water Capacity: 260 gallons per minute (gpm)
 Water Capacity as gallons per day: 260 x 720 = 187,200 gallons per day (GPD)
 Actual Water Use (06/01/15 through 05/31/16): 133,953 gallons per day
 Remaining Capacity: 53,247 gallons per day

Approved Residential Allocations (unconnected): 7,350 gallons per day
 Approved Enterprise Allocations (unconnected): 3,845 gallons per day
 Estimated Nanofiltration “loss”: 21,060 gallons per day
 Reserve (@ 5% permitted capacity): 9,360 gallons per day
 Allocable capacity: 11,632 gallons per day

Category 1 requirement

Municipal, Educational, Institutional, Special Projects - Minimum of 5,000 Gallons per Day (GPD) or all remaining Uncommitted Reserve Capacity, whichever is less

Total GPD	Residential	Enterprise
5,000		

Category 2 requirement

Projects in the village core defined as the Village District, the Commerce Street portion of the Commercial District, Industrial Districts 3 and 4 - Minimum of 5,000 GPD or all remaining Uncommitted Reserve Capacity, whichever is less

Total GPD	Residential	Enterprise
5,000		

Category 3

Projects in all other zoning districts of the water service area including Village Northeast, Village Northwest, All remaining Commercial districts, Industrial 5, Residential 1, and Residential 2

Total GPD	Residential	Enterprise
1,632	1,142	490

Or

District	Total GPD	Residential	Enterprise
Village Northeast			
Village Northwest			
Commercial			
Industrial 5			
Residential 1			
Residential 2			

One equivalent base unit = 210 gallons per day.

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Total Category 1 and 2 capacity in FY17 = 23.8 equivalent base units per category (47.6 total).

Total Category 3 Capacity in FY17 = 7.8 equivalent base units (if all capacity is allocated).

Enterprise and certain residential units (senior housing, one-bedroom units) may be allocated at less than one equivalent base unit.

Nanofiltration capacity = 88.75% efficiency of system (estimate, year one of operation).

Board of Commissioners Chair: _____

Date: _____