

Town of Purcellville
Weekly Water Demand Report
 02/06/2017- 02/12/2017

Notes:

Day	Date	Main St. Complex	Forbes	Cornwell	Hirst	Mtn View	Marsh Well	Total Wells Production	Water Plant	TOTAL Production	Jefferies Well	Jefferies % of WTP	In-Service Capacity*
Mon	2/6	114,600	36,800	61,918	0	27,300	69,700	310,318	234,800	545,118	42,700	18.2%	63.8%
Tue	2/7	104,100	35,673	60,987	0	27,100	56,000	283,860	201,100	484,960	39,200	19.5%	56.8%
Wed	2/8	113,700	38,743	65,665	0	28,500	54,100	300,708	217,900	518,608	42,300	19.4%	60.7%
Thu	2/9	103,500	37,218	63,546	0	29,800	51,000	285,064	226,300	511,364	42,900	19.0%	59.9%
Fri	2/10	111,800	36,860	62,483	0	33,900	53,600	298,643	244,800	543,443	48,800	19.9%	63.6%
Sat	2/11	123,800	41,606	65,280	0	0	62,800	293,486	160,600	454,086	31,600	19.7%	53.2%
Sun	2/12	105,200	33,278	57,037	0	0	112,320	307,835	202,100	509,935	25,100	12.4%	59.7%
Weekly Total		776,700	260,178	436,916	0	146,600	459,520	2,079,914	1,487,600	3,567,514	272,600		
Daily Avg's		110,957	37,168	62,417	0	20,943	65,646	297,131	212,514	509,645	38,943	18.3%	59.7%
Weekly Max's		123,800	41,606	65,665	0	33,900	112,320	310,318	244,800	545,118	48,800	19.9%	63.8%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	297,131	173,571	212,514	509,645	30,970,078

Day	Date	Front Lake (5.3' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)	Days of Water Storage in Reservoir	
Mon	2/6	5.36	5.18		Based on Current Daily Average WTP Production 145.73	
Tue	2/7	5.34	5.18		Based on Current Daily Average WTP Production 178.43	
Wed	2/8	5.40	5.06		Based on Current Daily Average WTP Production Using Jefferies	
Thu	2/9	5.44	5.14	0.45	Based on Current Daily Average WTP Production Using Jefferies	
Fri	2/10	5.48	5.00		Based on Current Daily Average WTP Production Using Jefferies	
Sat	2/11	5.40	5.10		Based on Current Daily Average WTP Production Using Jefferies	
Sun	2/12	5.36	5.20		Based on Current (Permitted) Maximum Reservoir Safe Yield 103.23	
Weekly Total				0.45		

Unusual Usage	
Date	
2/6	
2/7	
2/8	
2/9	
2/10	
2/11	
2/12	
Total	0