

Town of Purcellville  
**Weekly Water Demand Report**  
 6/04/2018- 06/10/2018

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	6/4	101,200	30,326	62,167	0	24,300	77,900	295,893	332,500	628,393	0	0.0%	73.6%
Tue	6/5	106,744	30,158	61,629	0	25,800	71,600	295,931	281,500	577,431	0	0.0%	67.6%
Wed	6/6	103,408	28,393	58,510	0	20,800	61,400	272,511	298,400	570,911	0	0.0%	66.9%
Thu	6/7	109,520	30,094	61,664	0	31,800	71,900	304,978	270,900	575,878	0	0.0%	67.4%
Fri	6/8	101,632	32,689	66,937	0	30,800	72,000	304,058	287,600	591,658	0	0.0%	69.3%
Sat	6/9	107,144	33,007	67,786	0	28,200	64,400	300,537	230,100	530,637	0	0.0%	62.1%
Sun	6/10	109,000	28,125	58,140	0	25,100	57,800	278,165	236,200	514,365	0	0.0%	60.2%
<b>Weekly Total</b>		<b>738,648</b>	<b>212,792</b>	<b>436,833</b>	<b>0</b>	<b>186,800</b>	<b>477,000</b>	<b>2,052,073</b>	<b>1,937,200</b>	<b>3,989,273</b>	<b>0</b>		
Daily Avg's		105,521	30,399	62,405	0	26,686	68,143	293,153	276,743	569,896	0	0.0%	66.7%
Weekly Max's		109,520	33,007	67,786	0	31,800	77,900	304,978	332,500	628,393	0	0.0%	73.6%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	293,153	276,743	276,743	569,896	31,093,451

Day	Date	Front Lake (5.6' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)
Mon	6/4	5.64	5.20	0.30
Tue	6/5	5.62	5.16	
Wed	6/6	5.60	5.16	
Thu	6/7	5.68	5.12	
Fri	6/8	5.70	5.10	
Sat	6/9	5.74	5.10	
Sun	6/10	5.74	5.12	0.10
Weekly Total				0.40

**Days of Water Storage in Reservoir**

Based on Current Daily Average WTP Production	112.36
Based on Current Daily Average WTP Production Using Jefferies	112.36
Based on Current (Permitted) Maximum Reservoir Safe Yield	103.64

**Bulk Water Usage**

Date	
6/4	
6/5	
6/6	
6/7	
6/8	
6/9	
6/10	
Total	0

  Exceeds safe yield or permitted capacity