

Town of Purcellville  
**Weekly Water Demand Report**  
 6/25/2018- 07/01/2018

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	6/25	96,608	27,569	53,031	0	25,400	57,900	260,508	280,100	540,608	0	0.0%	63.3%
Tue	6/26	100,816	30,598	59,731	0	26,800	66,000	283,945	296,200	580,145	0	0.0%	67.9%
Wed	6/27	105,080	30,785	59,852	0	25,400	50,700	271,817	302,200	574,017	0	0.0%	67.2%
Thu	6/28	104,296	30,830	59,929	0	25,200	72,600	292,855	284,000	576,855	0	0.0%	67.5%
Fri	6/29	104,760	35,467	69,460	0	26,600	82,300	318,587	296,400	614,987	0	0.0%	72.0%
Sat	6/30	99,144	33,041	64,460	0	24,400	75,800	296,845	234,000	530,845	0	0.0%	62.2%
Sun	7/1	90,570	30,523	59,550	0	21,200	76,100	277,943	246,600	524,543	0	0.0%	61.4%
<b>Weekly Total</b>		<b>701,274</b>	<b>218,813</b>	<b>426,013</b>	<b>0</b>	<b>175,000</b>	<b>481,400</b>	<b>2,002,500</b>	<b>1,939,500</b>	<b>3,942,000</b>	<b>0</b>		
Daily Avg's		100,182	31,259	60,859	0	25,000	68,771	286,071	277,071	563,143	0	0.0%	65.9%
Weekly Max's		105,080	35,467	69,460	0	26,800	82,300	318,587	302,200	614,987	0	0.0%	72.0%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	286,071	277,071	277,071	563,143	31,058,285

Day	Date	Front Lake (5.6' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)
Mon	6/25	5.82	5.00	0.26
Tue	6/26	5.82	5.00	
Wed	6/27	5.80	4.98	
Thu	6/28	5.80	4.98	0.10
Fri	6/29	5.80	4.94	0.03
Sat	6/30	5.80	4.92	
Sun	7/1	5.82	4.90	
<b>Weekly Total</b>				<b>0.39</b>

**Days of Water Storage in Reservoir**

Based on Current Daily Average WTP Production	112.09
Based on Current Daily Average WTP Production Using Jefferies	112.09
Based on Current (Permitted) Maximum Reservoir Safe Yield	103.53

**Bulk Water Usage**

Date	
6/25	
6/26	
6/27	
6/28	
6/29	
6/30	
7/1	
Total	0

  Exceeds safe yield or permitted capacity