

Town of Purcellville  
**Weekly Water Demand Report**  
 6/11/2018- 06/17/2018

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	6/11	94,544	28,636	59,372	0	26,600	72,700	281,852	315,200	597,052	0	0.0%	69.9%
Tue	6/12	83,144	29,356	61,125	0	26,900	72,500	273,025	289,900	562,925	0	0.0%	65.9%
Wed	6/13	102,480	28,443	59,273	0	25,100	57,900	273,196	301,300	574,496	0	0.0%	67.3%
Thu	6/14	107,872	29,181	60,799	0	25,700	65,300	288,852	303,600	592,452	0	0.0%	69.4%
Fri	6/15	106,072	31,343	65,640	0	26,500	93,800	323,355	294,000	617,355	0	0.0%	72.3%
Sat	6/16	102,064	32,353	67,592	0	23,700	79,500	305,209	240,100	545,309	0	0.0%	63.9%
Sun	6/17	104,320	31,070	64,957	0	17,800	86,200	304,347	241,100	545,447	0	0.0%	63.9%
<b>Weekly Total</b>		<b>700,496</b>	<b>210,382</b>	<b>438,758</b>	<b>0</b>	<b>172,300</b>	<b>527,900</b>	<b>2,049,836</b>	<b>1,985,200</b>	<b>4,035,036</b>	<b>0</b>		
Daily Avg's		100,071	30,055	62,680	0	24,614	75,414	292,834	283,600	576,434	0	0.0%	67.5%
Weekly Max's		107,872	32,353	67,592	0	26,900	93,800	323,355	315,200	617,355	0	0.0%	72.3%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	292,834	283,600	283,600	576,434	31,060,590

Day	Date	Front Lake (5.6' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)
Mon	6/11	5.80	5.14	0.50
Tue	6/12	5.78	5.15	0.08
Wed	6/13	5.75	5.12	
Thu	6/14	5.75	5.00	
Fri	6/15	5.74	5.00	
Sat	6/16	5.80	4.96	
Sun	6/17	5.80	4.95	
<b>Weekly Total</b>		■ ■ ■	■ ■ ■	<b>0.58</b>

**Days of Water Storage in Reservoir**

Based on Current Daily Average WTP Production **109.52**

Based on Current Daily Average WTP Production Using Jefferies **109.52**

Based on Current (Permitted) Maximum Reservoir Safe Yield **103.54**

Bulk Water Usage	
Date	
6/11	
6/12	
6/13	
6/14	
6/15	
6/16	
6/17	
Total	0 ■ ■ ■ ■ ■ ■

Exceeds safe yield or permitted capacity