

Town of Purcellville  
**Weekly Water Demand Report**  
 06/12/2017- 06/18/2017

**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	6/12	117,300	30,886	59,856	0	30,400	111,800	350,242	369,900	720,142	0	0.0%	84.3%
Tue	6/13	113,000	29,910	56,786	0	28,400	74,300	302,396	284,000	586,396	0	0.0%	68.7%
Wed	6/14	115,700	31,823	60,132	0	24,200	96,500	328,355	309,000	637,355	0	0.0%	74.6%
Thu	6/15	117,900	31,769	60,044	0	24,600	74,100	308,413	295,500	603,913	0	0.0%	70.7%
Fri	6/16	107,300	32,129	61,462	0	32,200	72,200	305,291	284,700	589,991	0	0.0%	69.1%
Sat	6/17	113,300	35,350	67,138	0	26,700	65,000	307,488	164,900	472,388	0	0.0%	55.3%
Sun	6/18	121,800	34,414	65,150	0	25,500	71,600	318,464	229,800	548,264	0	0.0%	64.2%
<b>Weekly Total</b>		<b>806,300</b>	<b>226,281</b>	<b>430,568</b>	<b>0</b>	<b>192,000</b>	<b>565,500</b>	<b>2,220,649</b>	<b>1,937,800</b>	<b>4,158,449</b>	<b>0</b>		
Daily Avg's		115,186	32,326	61,510	0	27,429	80,786	317,236	276,829	594,064	0	0.0%	69.6%
Weekly Max's		121,800	35,350	67,138	0	32,200	111,800	350,242	369,900	720,142	0	0.0%	84.3%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	317,236	276,829	276,829	594,064	30,633,476

Day	Date	Front Lake (5.3' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)
Mon	6/12	5.50	4.58	
Tue	6/13	5.48	4.38	
Wed	6/14	5.50	4.20	
Thu	6/15	5.38	4.46	
Fri	6/16	5.38	4.81	
Sat	6/17	5.22	5.14	0.03
Sun	6/18	5.26	5.14	
<b>Weekly Total</b>				<b>0.03</b>

**Days of Water Storage in Reservoir**

Based on Current Daily Average WTP Production **110.66**

Based on Current Daily Average WTP Production Using Jefferies **110.66**

Based on Current (Permitted) Maximum Reservoir Safe Yield **102.11**

Bulk Water Usage	
Date	
6/12	
6/13	4,700 Bulk Water Sales
6/14	31,900 Bulk Water Sales
6/15	25,900 Bulk Water Sales
6/16	
6/17	
6/18	
Total	62,500

Exceeds safe yield or permitted capacity