Town of Purcellville
Weekly Water Demand Report
06/06/2016 - 06/12/2016

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	6/6	112,600	36,212	62,511	0	49,800	90,200	351,323	366,200	717,523	0	0.0%	85.1%
Tue	6/7	123,000	36,918	63,802	0	40,200	99,100	363,020	368,800	731,820	0	0.0%	86.8%
Wed	6/8	106,200	31,920	55,722	0	24,800	69,300	287,942	336,100	624,042	0	0.0%	74.0%
Thu	6/9	118,200	36,487	63,647	0	42,100	84,000	344,434	356,300	700,734	0	0.0%	83.1%
Fri	6/10	124,800	43,423	75,493	0	41,500	83,800	369,016	363,300	732,316	0	0.0%	86.9%
Sat	6/11	121,300	36,875	64,366	0	18,000	80,700	321,241	276,300	597,541	0	0.0%	70.9%
Sun	6/12	93,500	29,248	55,725	0	36,500	89,600	304,573	295,800	600,373	0	0.0%	71.2%
Weekly Total		799,600	251,083	441,266	0	252,900	596,700	2,341,549	2,362,800	4,704,349	0		
Daily Avg's		114,229	35,869	63,038	0	36,129	85,243	334,507	337,543	672,050	0	0.0%	79.7%
Weekly Max's		124,800	43,423	75,493	0	49,800	99,100	369,016	368,800	732,316	0	0.0%	86.9%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	334,507	337,543	337,543	672,050	30,581,172

Day	Date	Front Lake (5.3' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)
Mon	6/6	5.32	5.10	0.28
Tue	6/7	5.40	5.08	
Wed	6/8	5.40	4.80	
Thu	6/9	5.25	5.10	
Fri	6/10	5.20	5.00	
Sat	6/11	5.25	5.05	
Sun	6/12	5.30	5.00	
Weekly Total		▪ ▪ ▪	▪ ▪ ▪	0.28

Days of Water Storage in Reservoir

Based on Current Daily Average WTP Production	90.60
Based on Current Daily Average WTP Production Using Jefferies	90.60
Based on Current (Permitted) Maximum Reservoir Safe Yield	101.94

Unusual Usage

Date		
6/6	23,800	Bulk Water Sales
6/7	52,700	Bulk Water Sales
6/8	50,300	Bulk Water Sales
6/9	41,400	Bulk Water Sales
6/10	8,500	Bulk Water Sales
6/11		
6/12		
Total	176,700	▪ ▪ ▪ ▪