

Water Production Capacity and Available EDU's FY24

1	Water Appropriation Permits		Permitted Daily Avg Flow		Production Capacity	Available Capacity	Reliable Capacity
			GPD	GPM	GPD	GPD	GPD
					GPD		
	Shafer Park & Well #8	WA1988G006(03)	332,000	10 + 65 GPM	295,200	252,000	252,000
	Keedysville Spring	WA1979G012(05)	220,000	170 GPM	244,800	200,000	200,000
	Warrenfeltz Spring	WA1979G013(06)	130,000	120 GPM	172,800	144,000	88,000
			682,000			596,000	540,000
2	Total water withdrawn						
	FY24		<i>We used 5 year average</i>				145,126,536
	Number of days						365
Average daily withdrawal						397,607	
3	Unused capacity GPD						
							250 GPD
Unused reliable capacity in EDU's							570
4	If rpermitted capacity is held in reserve:						
			Reserve		10%	682,000	
	EDU Surplus/(Deficit)					68,200	273
						297	
5	Reserve EDU's for Keedysville in new agreement:						
							60
						237	
6	EDU commitments to others by Boonsboro:						
	TT&K (360)		water not paid				18
	Easterday (153)		water not paid				8
	Dean 8486 LLC (Fletcher's Grove)		not paid				56
	Battlefield		not paid				48
			7 additional water to				
	Auction House		pay				7
	Highs		not paid				3
	St. Paul		not paid				4
	EDU commitments by Keedysville:						
TOTAL commitments						147	
EDU Surplus/(Deficit)						90	

Quarterly Actual Usage			
FY24	Boonsboro gallons	Keedysville gallons	Total
Q1	34,115,910.00	5,640,560.00	39,756,470.00
Q2	37,505,268.00	5,770,732.00	43,276,000.00
Q3	36,187,375.00	5,834,625.00	42,022,000.00
Q4	36,735,769.00	5,947,231.00	42,683,000.00
			167,737,470.00

Year Usage	BK Usage
23-24	167,737,470
22-23	137,737,686
21-22	138,461,190
20-21	140,006,035
19-20	141,690,300
	145,126,536

	EDUs	Gallons per day
Permitted	2,728	682,000
Boonsboro		
Water EDUs	1,744	436,000
Keedysville		
Water EDUs	436	109,000