

**BOONSBORO KEEDYSVILLE WATER ADVISORY BOARD**  
**MEETING MINUTES**  
**Wednesday August 14, 2024 6:30 PM**

**Voting members present** -Jean Holloway, Chairperson, Eric Kitchen (B-Alt), Matt Hull (K) and Judy Kerns (K-Alt).

**Others present** - Water & Sewer Superintendent Pete Shumaker, Public Works Superintendent Greg Huntzberry, Keedysville Town Administrator Lisa Riner and Yvette May, Recording Secretary. Absent – Board Member Long, Board Member Nally and Board Member Sweeney. The meeting convened at 6:30 PM at Boonsboro Town Hall.

- I. Approval of minutes: May 15, 2024, regular meeting- Motion by Board Member Hull and second by Board Member Kitchen to approve Minutes. **Motion carried unanimously.**
- II. Cost Sharing FY23 Keedysville cost-sharing true-up – Keedysville Town Manager Riner reviews the calculations of the FY23 True-up. The total amount due from Keedysville to Boonsboro for the year is \$86,368 which is \$22,232 less than what was projected. The most significant differences between the FY23 projected cost to Keedysville and the actual cost are 1) capital was less than projected, although there were several smaller capital expenditures not budgeted, and 2) no contingency expenditure was required. The final true-up result for FY23 is a payment from Boonsboro to Keedysville of \$22,232. Motion by Board Member Kitchen and second by Board Member Hull to approve the cost-sharing true-up for FY23. **Motion carried unanimously.**
- III. Projected Costs for Keedysville for the current year – Keedysville Town Manager Riner stated that this should be tabled until next meeting.
- IV. Review quarterly usage report and metering between the Towns – Chairman Holloway reviewed the usage with Board Members. She stated that high loss remains the same.
- V. Review available capacity allocation
- VI. Old Business
  - A. Park Well Replacement – Water & Sewer Superintendent Pete Shumaker stated they are waiting to complete the last dry test to send to MDE>
  - B. Boonsboro Reservoir – Board Member Alternate Kitchen stated we are waiting for all plans and permits to come back from Washington County. It was stated there will be a Pre-bid Meeting on September 10<sup>th</sup> @ 11am and that bids have a due date of October 11, 2024 and will be publicly opened at the Mayor & Council's October 14<sup>th</sup> Meeting. Bids will be valid for 120 days.

- C. Crestview Pressure Reducing Booster Station – Huntsberry stated that St. Highway denied our request twice to run the water line on the bridge crossing Rt. 34. WRA did send the plans for the stream crossing and is under our review. This project must be done before the Reservoir is completed to avoid an increase in pressure to the Crestview area.
- D. Lead & Copper Inventories – Public Works Superintendent Huntsberry stated that the EADS Group continues to work compiling the data. Boonsboro and Keedysville have both mailed surveys to residents

VII. New business

- A. Internal Water Audit – *Due to Town Planner Bowen’s absence, this item was tabled until the next meeting.*
- B. GIS System – *Due to Town Planner Bowen’s absence, this item was tabled until the next meeting.*
- C. Radio Tower Reads – *This item has been put on hold due to budgeting.*
- D. Bedrock waterline replacement engineering – Keedysville Town Manager Riner stated the ARC grant award and RFP for Bedrock waterline replacement engineering services, and an RFP has been put out for the project.

VIII. System operator's report - Pete Shumaker, W/S Superintendent stated on the water side of operations, a clay valve was not operating correctly at the Keedysville Water Plant. He presented a quote from Ashley Valve to replace the solenoid valve on site totaling \$8,308.40. This would be a cost sharing item with Keedysville.

IX. Public comment - none

There were no additional discussions, Chairperson Holloway adjourned the meeting at 7:05pm. The next regularly scheduled meeting is Wednesday December 11, 2024, at 6:30 PM at Keedysville.

*Submitted by Yvette May Administrative Assistant Town of Boonsboro*

## **BOONSBORO KEEDYSVILLE WATER ADVISORY BOARD**

Wednesday August 14, 2024 6:30 PM

Boonsboro Town Hall

### **AGENDA**

*Rules of procedure: Members of the Water Advisory Board, alternates and town staff or others involved with the operation of the joint water system are welcome to sit at the table during our meetings provided there is sufficient room. Discussion is open but with priority given to members of the Board. The Chair reserves the right to limit discussion to Board members at his/her discretion in accordance with the Board's Bylaws. Voting is restricted to the 5 members of the Board or alternates serving in the place of a Board member.*

- I. Approval of minutes: May 15, 2024 regular meeting
- II. Cost Sharing FY23 Keedysville cost-sharing true-up *(if Boonsboro audit is available)* - Lisa
- III. Projected Costs for Keedysville for current year – Lisa
- IV. Review quarterly usage report and metering between the Towns – Jean
- V. Review available capacity allocation- Jean
- VI. Old Business
  - A. Park Well Replacement - Pete
  - B. Boonsboro Reservoir – Pete/Drew
  - C. Crestview Pressure Reducing Booster Station – Drew
  - D. Lead & Copper Inventories – Greg
- VII. New business
  - A. Internal Water Audit – Drew
  - B. GIS System – Drew
  - C. Radio Tower Reads - Lisa
  - D. Bedrock waterline replacement engineering - Lisa
- VIII. System operator's report - Pete
- IX. Public comment

**NEXT SCHEDULED MEETING:** Wed. Wednesday December 4, 2024 6:30 PM at Boonsboro Town Hall.  
*(Regular meetings are 2nd Wednesday of Feb, May, August and December)*

## **Standard Agenda Schedule:**

### **February**

- Review of current year CIP projects
- Review of proposed CIP projects for coming year
- Review of water rates for each town

### **May**

- Review of current year CIP projects
- Review of proposed CIP projects for coming year

### **August**

- Projected costs for Keedysville for current year
- Update of current year CIP projects
- Review available capacity allocation

### **December**

- True-up of prior year costs for Keedysville
- Review of current year CIP projects (included in projected cost)

**BOONSBORO KEEDYSVILLE WATER ADVISORY BOARD**

**PROPOSED KEEDYSVILLE COST-SHARING TRUE-UP FOR FY23**

*Prepared by: Lisa Riner, Keedysville Town Administrator*

*Presented: August 14, 2024*

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## Boonsboro Keedysville Water Service

### Narrative of the Keedysville Cost-Sharing True-up for FY23

Keedysville's FY23 projected cost and actual cost were based on the following factors which are supported in the subsequent detail pages:

	<u>Budget</u>	<u>Actual</u>	<u>Difference</u>
Shared operating expense	\$346,722	\$340,506	-\$6,216
Shared capital	\$198,000	\$95,674	-\$102,326
Percent of water used	16.0%	14.7%	-1.3%
Billing and customer accounting	\$13,319	\$14,133	+\$814
Daily operations of tank and booster station	\$7,080	\$8,116	+\$1,036

The total amount due from Keedysville to Boonsboro for the year is \$86,368 which is \$22,232 less than what was projected.

The most significant differences between the FY23 projected cost to Keedysville and the actual cost are 1) capital was less than projected, although there were several smaller capital expenditures not budgeted, and 2) no contingency expenditure was required.

The final true-up result for FY23 is a payment from Boonsboro to Keedysville of \$22,232.

Ln#	Line# from rate formula	Description	FY21/22			FY22/23			FY23/24		
			Budget	Actual	Difference	Budget	Actual	Difference	Budget	Actual	Difference
1	3a-b	Boonsboro Operating Expenses	\$798,768	\$792,782		\$5,906,918	\$992,635		\$8,109,338		
2		Adjustment #3 - Less budgeted contingency	(1,447)	NA		(193,670)	NA		(33,983)		
3		Adjustment #3A - Add back contingency	20,000	NA		20,000	NA		20,000		
4		Adjustment #4 - Less reimb'd engineering fees	-	-		-	-		-		
5		Adjustment #5 - Less capital expense	(96,500)	(140,377)		(4,998,000)	(289,374)		(7,257,020)		
6		Adjustment #5A - Less debt-service+interest	(48,492)	NA		(21,404)	NA		(21,404)		
7		Adjustment #6 - Less direct pay by K to B									
8		Customer billing	(11,844)	(12,144)		(13,319)	(14,133)		(13,693)		
10		Daily operations labor for tank + booster station	(6,574)	(6,664)		(7,080)	(8,116)		(7,549)		
11		Total applicable operating expenses	\$653,911	\$633,597	(\$20,314)	\$693,445	\$681,012	(\$12,433)	\$795,689	\$0	\$0
12	3c	Less 50% for the estimated cost of operation, maintenance & repair to B. distribution system	(326,956)	(316,799)		(346,722)	(340,506)		(397,845)	-	
13		Sub-total operational expense to be shared	\$326,956	\$316,799	(\$10,157)	\$346,722	\$340,506	(\$6,216)	\$397,845	\$0	
14	3d	Plus cash cost of any capital improvement serving both Towns	80,000	46,359	(33,641)	198,000	95,674	(102,326)	170,000		
15	3e	Plus debt-service on any financed improvements serving both towns	-	-		-	-		-		
16	3f	Total	\$406,956	\$363,158	(\$43,798)	\$544,722	\$436,180	(\$108,542)	\$567,845	\$0	
17	2	Keedysville % of total water pumped	16.0%	16.2%	0.2%	16.0%	14.7%	-1.3%	15.5%		
18	3g	<b>Keedysville annual cost water service</b>	<b>\$65,113</b>	<b>\$58,832</b>	<b>-\$6,281</b>	<b>\$87,156</b>	<b>\$64,118</b>	<b>-\$23,037</b>	<b>\$88,016</b>	<b>\$0</b>	
19		ADD: K portion of customer billing expense	11,844	12,144	300	13,319	14,133	814	13,693		
20		ADD: Daily operations labor for tank + booster station	6,574	6,664	90	7,080	8,116	1,036	7,549		
21		ADJUST: Billing related capital to K % of water accounts				1,044			1,320		
22		<b>Keedysville total annual expense</b>	<b>\$83,531</b>	<b>\$77,639</b>	<b>-\$5,892</b>	<b>\$108,599</b>	<b>\$86,368</b>	<b>-\$22,231</b>	<b>\$110,578</b>	<b>\$0</b>	

<b>Payments:</b>							
23	Estimated quarterly cost		20,883		27,150		27,644
24	First quarter billed		20,883		27,150		
25	Second quarter billed		20,883		27,150		
26	Third quarter billed		20,883		27,150		
27	Fourth quarter billed		20,883		27,150		
28			<u>83,532</u>		<u>108,600</u>		<u>-</u>
29	<b>True-up due to B/(due from B)</b>		<b><u>(\$5,893)</u></b>		<b><u>(\$22,232)</u></b>		<b><u>\$0</u></b>

NOTES:

Prepared by: Lisa Riner, K Town Administrator, 08/12/24

# BOONSBORO MAYOR AND COUNCIL

## STATEMENT OF REVENUES AND EXPENDITURES -- BUDGET AND ACTUAL -- WATER UTILITY FUND (BUDGETARY BASIS)

Year ended June 30,

2023

	ORIGINAL BUDGET	FINAL BUDGET	ACTUAL	ACTUAL OVER (UNDER) BUDGET
<b>OPERATING REVENUES</b>				
Charges for services	\$ 650,000	\$ 650,000	\$ 671,492	\$ 21,492
Charges for administration	72,000	72,000	129,483	57,483
<b>TOTAL OPERATING REVENUES</b>	<b>722,000</b>	<b>722,000</b>	<b>800,975</b>	<b>78,975</b>
<b>OPERATING EXPENSES</b>				
Advertising	1,000	1,000	410	(590)
Capital outlay	5,005,432	5,005,432	289,374	(4,716,058)
Chemicals	18,000	18,000	23,438	5,438
Engineering services	7,000	7,000	-	(7,000)
Health insurance	98,400	98,400	129,809	31,409
Meetings	1,200	1,200	180	(1,020)
Miscellaneous	-	-	30,466	30,466
Payroll taxes	26,850	26,850	22,510	(4,340)
Postage	3,000	3,000	4,034	1,034
Professional services	11,000	11,000	3,415	(7,585)
Property insurance	8,000	8,000	6,492	(1,508)
Repairs and maintenance	70,000	70,000	44,925	(25,075)
Retirement	20,430	20,430	14,609	(5,821)
Salaries	303,000	303,000	283,137	(19,863)
Supplies	16,000	16,000	24,366	8,366
Telephone	6,000	6,000	886	(5,114)
Testing	4,000	4,000	-	(4,000)
Tools and equipment	-	-	10,886	10,886
Training and certification	1,000	1,000	1,230	230
Uniforms	3,000	3,000	761	(2,239)
Utilities	60,000	60,000	78,646	18,646
Vehicles	20,000	20,000	12,839	(7,161)
Water/Sewer systems study and monitoring	-	-	7,140	7,140
Worker's compensation	8,532	8,532	3,082	(5,450)
<b>TOTAL OPERATING EXPENSES</b>	<b>5,691,844</b>	<b>5,691,844</b>	<b>992,635</b>	<b>(4,699,209)</b>
<b>OPERATING INCOME (LOSS)</b>	<b>(4,969,844)</b>	<b>(4,969,844)</b>	<b>(191,660)</b>	<b>4,778,184</b>
<b>OTHER INCOME (EXPENSE)</b>				
Debt service fees	23,768	23,768	24,151	383
Connection fees	9,550	9,550	10,550	1,000
Grants	4,992,000	4,992,000	216,561	(4,775,439)
Other income	156,100	156,100	12,636	(143,464)
Interest income	3,500	3,500	84,901	81,401
Interest expense	-	-	(2,222)	(2,222)
Debt service (principal payments)	(21,404)	(21,404)	(19,551)	1,853
Contingency	(193,670)	(193,670)	-	193,670
<b>TOTAL OTHER INCOME (EXPENSE)</b>	<b>4,969,844</b>	<b>4,969,844</b>	<b>327,026</b>	<b>(4,642,818)</b>
<b>NET INCOME (LOSS)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 135,366</b>	<b>\$ 135,366</b>



# Boonsboro Water Fund Capital Expense - FY23 and FY24

FY 2023

Capital Outlay - Cash							
Description	Approved Budget	Projected in		Audited Financial Statement			Notes
		Total	Shared	Total	Shared- Cash	Shared - Financed	
Reservoir Replacement Project	4,100,000	4,100,000	0	179,567	0	0	Shared = net of ARC \$100K grant **Cost share not determined; engineering study underway
Shafer Park Well Replacement Project	200,000	200,000	100,000	73,990	73,990	0	
Advanced Metering	600,000	600,000	**	0	0	0	
Crestview Well Capping/Decommission	80,000	80,000	80,000	158	158	0	
Utility Billing Software	18,000	18,000	18,000	0	0	0	
Water Meter Connections	0	0	0	1,155	0	0	Need to adjust share to % of water accounts
Service & Refurb. Pump- KWP	0	0	0	2,350	2,350	0	
5 Stage Vertical Turbine Pump- KWP	0	0	0	17,410	17,410	0	
Keedysville Booster Pump Pressure Study	0	0	0	1,766	1,766	0	
Alt 40 Waterline Looping PER	0	0	0	0	0	0	
TOTAL	\$4,998,000	\$4,998,000	\$198,000	\$276,395	\$95,674	\$0	
Capital Debt Service - Shared							
Description	Approved Budget	Projected in		Actual		Notes	
		Total	Shared	Total	Shared		
	0	0	0	0	0		

FY 2024

Capital Outlay - Cash				
Description	Approved Budget	Projected in		Shared = net of ARC \$100K grant  **Keedysville cost share not determined Cost will be shared based on percent of water accounts
		Total	Shared	
Reservoir replacement	6,100,000	6,100,000	0	
Shafer Park well replacement	250,000	250,000	150,000	
Advanced Metering System (650K total)				
Infrastructure	630,000	630,000	**	
Billing software	20,000	20,000	20,000	
Alt 40 Waterline Looping	200,000	200,000	0	
WTP Solar Arrays	57,000	0	0	
TOTAL	\$7,257,000	\$7,200,000	\$170,000	

Capital Debt Service - Shared			
Description	Approved Budget	Projected in Aug 2021	
		Total	Shared
	0	0	0



**Boonsboro/Keedysville Regional Water System  
FY22/23 Quarterly Usage Report**

Month	Fin - Utility	Production	Raw Water Metered		Total	Monthly Usage Received Per Town				Qtrly Gallons Billed to Customers			
	Keedysville	Well #8	Warrenfeltz	& Park Well		Boonsboro	%	Keedysville	%	Boonsboro	Lost	Keedysville	Lost
Jul 22	5,901,000	340,000	290,000	4,444,000	10,975,000	9,371,730	0.854	1,603,270	0.146				
Aug 22	5,667,000	445,000	400,000	4,084,000	10,596,000	8,811,470	0.832	1,784,530	0.168				
Sep 22	5,064,840	824,000	5,000	4,268,000	10,161,840	8,686,300	0.855	1,475,540	0.145				
1st Qtr	16,632,840	1,609,000	695,000	12,796,000	31,732,840	26,869,500	0.847	4,863,340	0.153	20,133,932	25.1%	4,494,919	7.6%
								FALSE			-6,735,568		-368,421
Oct 22	5,154,700	935,000	0	4,365,000	10,454,700	8,704,410	0.833	1,750,290	0.167				
Nov 22	5,032,221	1,259,000	8,000	4,214,000	10,513,221	8,843,900	0.841	1,669,321	0.159				
Dec 22	5,331,000	1,241,000	0	4,430,000	11,002,000	9,324,481	0.848	1,677,519	0.152				
2nd Qtr	15,517,921	3,435,000	8,000	13,009,000	31,969,921	26,872,791	0.841	5,097,130	0.159	19,282,421	28.2%	4,457,809	12.5%
								31,969,921			-7,590,370		-639,321
Jan 23	5,787,925	1,583,000	0	4,430,000	11,800,925	9,978,400	0.846	1,822,525	0.154				
Feb 23	5,259,000	2,084,000	0	4,108,000	11,451,000	9,887,464	0.863	1,563,536	0.137				
Mar 23	5,725,000	2,458,000	0	4,283,000	12,466,000	10,794,624	0.866	1,671,376	0.134				
3rd Qtr	16,771,925	6,125,000	0	12,821,000	35,717,925	30,660,488	0.858	5,057,437	0.142	20,019,222	34.7%	4,594,476	9.2%
								35,717,925			-10,641,266		-462,961
Apr 23	5,426,000	2,501,000	406,000	4,429,000	12,762,000	11,092,687	0.869	1,669,313	0.131				
May 23	5,447,000	2,187,000	1,803,000	3,608,000	13,045,000	11,267,060	0.864	1,777,940	0.136				
Jun 23	5,249,000	2,497,000	1,212,000	3,637,000	12,595,000	10,737,179	0.852	1,857,821	0.148				
4th Qtr	16,122,000	7,185,000	3,421,000	11,674,000	38,402,000	33,096,926	0.862	5,305,074	0.138	20,227,517	38.9%	4,843,698	8.7%
					0						-12,869,409		-461,376
Total 22/23	65,044,686	18,354,000	4,124,000	50,300,000	137,822,686	117,499,705	0.853	20,322,981	0.147	79,663,092	32.2%	18,390,902	9.5%



## Cost of Daily Operations Labor at Keedysville Tank and Booster Station FY23

*By agreement between the Towns Keedysville is charged for 1/2 hour per day of water operator time for routine inspection and daily operations of the water tank and booster station in Keedysville.*

Regular Time		Shumaker	DeGrange	Hill	Morton	Olthof	
Hourly rate		\$35.93	\$21.05	\$25.88	\$19.85	\$18.00	
Salary for fiscal year		\$74,734	\$43,784	\$53,830	\$41,288	\$37,440	
FICA + Medicare @7.65%	0.0765	5,717	3,349	4,118	3,159	2,864	
Health Ins (Annual)		8,822	8,822	20,692	20,692	8,822	
Life Ins (Annual)		104	86	104	104	104	
Short term disability (Annual)		245	152	135	135	135	
Unemployment @.021 x \$8500		179	179	179	179	179	
Workers Compensation	0.03	2,242	1,314	1,615	1,239	1,123	
Pension	0.07	5,231	3,065	3,768	2,890	2,621	
Total wage and benefit		\$97,275	\$60,750	\$84,441	\$69,685	\$53,288	\$365,438
Regular work hours/week		40	40	40	40	40	
Weeks employed		52	52	52	52	52	
Annual hours paid		2,080	2,080	2,080	2,080	2,080	
Less:							
Personal leave		240	160	160	120	120	
Total on job hours		1,840	1,920	1,920	1,960	1,960	9,600
Billing hourly rate		\$52.87	\$31.64	\$43.98	\$35.55	\$27.19	
Average rate for all 4							\$38.07
Overtime Rate Saturday x1.5		\$53.90	\$31.58	\$38.82	\$29.78	\$27.00	
FICA + Medicare @7.65%	0.0765	4.12	2.42	2.97	2.28	2.07	
Pension 7% of all wages	0.07	3.77	2.21	2.72	2.08	1.89	
Total direct cost per hour		\$61.79	\$36.20	\$44.51	\$34.14	\$30.96	
Average of 4 employees							\$51.90
Overtime Rate Sunday x2.0		\$71.86	\$42.10	\$51.76	\$39.70	\$36.00	
FICA + Medicare @7.65%	0.0765	5.50	3.22	3.96	3.04	2.75	
Pension 7% of all wages	0.07	5.03	2.95	3.62	2.78	2.52	
Total direct cost per hour		\$82.39	\$48.27	\$59.34	\$45.52	\$41.27	
Average of 4 employees							\$69.20
Day of the week	Days in Yr	Hrs per Day				Total	
Monday - Friday	261	0.5	\$38.07			\$4,967.68	
Saturday	52	0.5	\$51.90			\$1,349.34	
Sunday	52	0.5	\$69.20			\$1,799.12	
TOTAL	365					\$8,116.14	

Prepared: B staff



# Boonsboro Billing and Customer Accounting for Keedysville Accounts FY23

## Contracted Services and Supplies

### Contracted Billing Service:

HBP printing and mailing costs \$5,096

Other 0

Total contracted services and supplies **\$5,096**

## Administrative Asst/Water & Sewer

		Rate	Amount
Annual wages	2,080	23.47	\$48,818
FICA		0.0765	3,735
Health Insurance			20,693
Life Insurance			86
Short Term Disability			180
Unemployment (first \$8,500)		0.021	1,025
Workers Compensation		0.01	488
Pension		0.07	3,417
Total wage and benefits			\$78,442
Work hours	40	52	2080
LESS: Personal Leave			-120
Total on job hours			1,960
Billing rate per hour			\$40.02

% time Administrative Asst on water and sewer

85.0%

	Total	Water Only
B water accounts	1,460	1,460
B sewer accounts	1,340	
K water accounts	410	410
Total accounts	3,210	1,870

% K+B water accounts of total accounts

58.3%

% K accounts of total water accounts

21.9%

Annual hours for Keedysville

225.8

**\$9,038**

**Total Billing and Customer Accounting**

**\$14,133**

Prepared: B staff

### Keedysville Annual Usage and Costs Recap FY11 - FY24

	Total Gallons Pumped to K	% System Total Pumped to K	K Total Annual Cost	\$/1,000 Gal Pumped to K	Gallons Metered to K Customers	\$/1,000 Gal. Metered to K Customers	Total Shared Capital B + K combined	Billing Fees (incl.)
FY11	31,025,000	18.6%	\$39,264	\$1.27	20,933,330	\$1.88	\$0	\$2,564
FY12	26,296,000	15.8%	\$40,908	\$1.56	19,519,970	\$2.10	\$20,257	\$2,616
FY13	23,012,000	14.5%	\$38,102	\$1.66	19,687,738	\$1.94	\$13,553	\$2,808
FY14	23,473,000	14.8%	\$47,993	\$2.04	18,819,588	\$2.55	\$71,327	\$2,628
FY15	23,379,000	14.1%	\$46,440	\$1.99	19,227,111	\$2.42	\$14,737	\$2,886
FY16	22,847,500	14.5%	\$63,203	\$2.77	18,678,173	\$3.38	\$50,867	\$5,653
FY17	23,409,500	14.2%	\$66,205	\$2.83	19,013,756	\$3.48	\$109,335	\$5,465
FY18	22,496,900	14.4%	\$52,300	\$2.32	19,189,694	\$2.73	\$16,160	\$4,836
FY19	23,564,867	16.1%	\$59,714	\$2.53	19,476,957	\$3.07	\$14,031	\$5,132
FY20	23,206,313	16.4%	\$56,545	\$2.44	19,370,629	\$2.92	\$13,600	\$7,016
FY21	22,175,833	15.8%	\$60,530	\$2.73	19,106,451	\$3.17	\$13,602	\$9,794
FY22	22,373,202	16.2%	\$77,639	\$3.47	19,114,256	\$4.06	\$46,359	\$12,144
FY23	20,322,981	14.7%	\$86,368	\$4.25	18,390,902	\$4.70	\$95,674	\$14,133
FY24 (projected)	20,500,000	15.5%	\$110,578	\$5.39	19,000,000	\$5.82	170,000	\$13,693

Prepared: Lisa Riner, K Town Administrator 08/12/24



## Boonsboro/Keedysville Regional Water System FY24/25 Quarterly Usage Report

	Raw - Utility	Production	Raw Water Metered			Monthly Usage Received Per Town				Qtrly Gallons Billed to Customers			
Month	Keedysville WTP	Well #8	Warrenfeltz	& Park Well	Total	Boonsboro	%	Keedysville	%	Boonsboro	Lost	Keedysville	Lost
Jul 24	5,993,000	2,569,000	665,000	5,486,000	14,713,000	12,659,990	0.860	2,053,010	0.140				
Aug 24					0	#VALUE!	#VALUE!		#VALUE!				
Sep 24					0	#VALUE!	#VALUE!		#VALUE!				
1st Qtr	5,993,000	2,569,000	665,000	5,486,000	14,713,000	#VALUE!	#VALUE!	2,053,010	0.140		#VALUE!		#VALUE!
								#VALUE!			#VALUE!		#VALUE!
Oct 24					0	#VALUE!	#VALUE!		#VALUE!				
Nov 24					0	#VALUE!	#VALUE!		#VALUE!				
Dec 24					0	#VALUE!	#VALUE!		#VALUE!				
2nd Qtr	0	0	0	0	0	#VALUE!	#VALUE!	0	#DIV/0!		#VALUE!		#VALUE!
								#VALUE!			#VALUE!		#VALUE!
Jan 25					0	#VALUE!	#VALUE!		#VALUE!				
Feb 25					0	#VALUE!	#VALUE!		#VALUE!				
Mar 25					0	#VALUE!	#VALUE!		#VALUE!				
3rd Qtr	0	0	0	0	0	#VALUE!	#VALUE!	0	#DIV/0!		#VALUE!		#VALUE!
								#VALUE!			#VALUE!		#VALUE!
Apr 25					0	#VALUE!	#VALUE!		#VALUE!				
May 25					0	#VALUE!	#VALUE!		#VALUE!				
Jun 25					0	#VALUE!	#VALUE!		#VALUE!				
4th Qtr	0	0	0	0	0	#VALUE!	#VALUE!	0	#DIV/0!		#VALUE!		#VALUE!
					0						#VALUE!		#VALUE!
Total 24/25	5,993,000	2,569,000	665,000	5,486,000	14,713,000	#VALUE!	#VALUE!	2,053,010	0.140	#VALUE!	#VALUE!	#VALUE!	#VALUE!

## Pete's Utility Water

Flushers	343,490.00
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<b>Total 23/24</b>	<b>#VALUE!</b>	<b>#VALUE!</b>
Accounted Non Rev/Loss	356,990	
Pete's Utility Water		
Un-accounted Non Rev/Loss	<b>#VALUE!</b>	<b>#VALUE!</b>

8/1/2024	Easterday flushing	13,500
8/6/2024	NNO	5,000
8/7/2024	Easterday flushing	22,000

[illegible]

## 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	
	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	88000	
			682,000			596,000	540,000	
2	Total water withdrawn							
	FY24						We used 5 year average	145,126,536
	Number of days							365
	Average daily withdrawal							397,607
3	Unused capacity GPD						142,393	
							250 GPD	
	Unused reliable capacity in EDU's						570	
4	If reliable capacity is held in reserve:							
							682,000	
	Reserve						10%	68,200
	EDU Surplus/(Deficit)							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:						3	
	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

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