BOONSBORO KEEDYSVILLE WATER ADVISORY BOARD MEETING MINUTES Wednesday April 9, 2025

Voting members present -Chairperson Jean Holloway (via Teams), Eric Kitchen (B-Alt), Howard Long (B), Matt Hull (K) and Brandon Sweeney (K).

Others present - Water & Sewer Superintendent Pete Shumaker, Boonsboro Town Manager Rachel Souders, Town Planner Drew Bowen, Public Works Superintendent Greg Huntsberry and Yvette May, Recording Secretary. The meeting convened at 6:30 PM at Keedysville Town Hall..

- I. Approval of minutes: February 12, 2025 regular meeting- Noted one change December 11, 2025 to 2024. Motion by Board Member Hull and second by Board Member Long to approve February 12, 2025 Minutes. **Motion carried unanimously**.
- II. Status of Capital Projects
 - A. Shafer Park Well Water & Sewer Superintendent Pete Shumaker stated the project is completed. He stated he couldn't take it to the full maximum capacity yet without the transducer. He stated he was able to pump 200 gallons a minute easily for a long time.
 - B. Crestview Pressure Reducing Booster Station Boonsboro Town Manager Souders stated the Town has received 90% completed engineering plans. She stated Town Staff will be reviewing and providing comments to the engineer tomorrow morning. She stated the Town will meet with Crestview HOA to confirm an easement to run the high-pressure line. Souders stated the HOA was receptive and also discussed help with streambank restoration in that area.
 - C. Boonsboro reservoir replacement Boonsboro Town Manager Souders stated the construction officially started last Monday and by the end of this week and maybe into the beginning of the next week, they will finish putting the new line under the road.
- III. Review quarterly usage report and metering between the Towns Chairman Holloway reviewed the quarterly usage and noted the percentage of loss has increased for Keedysville. Member Sweeney stated that Keedysville did have a major leak that has been repaired. Superintendent Shumaker stated that according to his past numbers Boonsboro was receiving on average 140,000 gallons per day which declined to 90,000 gallons per day which confirmed Keedysville's leak. Town Manager Souders stated that Boonsboro had several major leaks along with multiple fires that required fire apparatus to hook up to hydrants. Chairman Holloway stated that Maryland Rural Water can come in and run correlators and help you identify leaks.
- IV. Review of available capacity allocation Chairman Holloway reviewed the EDU Calculations with the Board. Questions about what numbers to use in the Withdrawal column were raised. Discussion on either using the 5-year average or quarterly usage and commitments should be taken out of the commitment columns when put online.

V. Status of DRAFT Consolidated Agreement – Town Manager Souders stated there is no update from Boonsboro's Lawyer. Member Sweeney also stated there is no update from Keedysville's Lawyer. Chairman Holloway reviewed the Glossary suggestions to be added to the agreement.

Glossarv Additions – DRAFT April 2025

Non-Revenue Water: The difference between the number of gallons of water actually produced and treated by the combined system and the number of gallons of water delivered to service connections in any given quarter or billing period.

Related Costs: Those costs that are related to or incurred during the course of specific capital improvement, equipment replacement or equipment repair.

Shared Costs: Those costs that are related to the installation, repair or improvement of the total system that are shared in accordance with the ratios set forth in the agreement in force at the time of the activity, unless otherwise mutually agreed upon in writing.

Un-Accounted for Water: The amount of water that is produced but cannot be measured or otherwise accounted for as being delivered to any service connection or used for system purposes, such as fire protection.

VI. Old Business

- A. Bedrock Water Line Replacement Board Member Sweeney stated that they have 90% completed plans from engineering.
- B. GIS System Board Member Sweeney reviewed the draft of the MOU for Water Asset Management with the Board. Boonsboro's Town Planner discussed the capabilities of Boonsboro's GIS and what is needed to complete and run GIS for Keedysville. Member Sweeney stated Keedysville already has the data collection completed and stated he thinks Keedysville would lean more towards owning their GIS and would revise the MOU for Water Asset Management.
- C. Status of Keedysville proposed Redmen Lodge Member Sweeney stated the topic is dead. No further discussion needed. B Alt. Member Kitchen asked Sweeney how Keedysville calculates the number of EDUs on a new service location. Sweeney stated most likely by fixture count.

VII. New Business

A. Review of proposed Capital Projects for FY 26 - Member Sweeney listed the Bedrock Waterline Replacement/Looping Project for Keedysville has 90% Engineering plans completed. Boonsboro's Town Manger Souders list of ongoing projects included the Reservoir Replacement and Crestview Bypass Projects. Additional FY26 projects included the Chase Six Blvd. Realignment Project, the Advanced Metering Project which would be a shared cost between Boonsboro and Keedysville and the Inflow & Infiltration Project determining entry points of stormwater (Inflow) and groundwater (infiltration) into the sewer system.

VIII. Other member comments or business - none

- IX. System Operator's Report Water/Sewer Superintendent Shumaker stated he is still waiting for the Spring Pump Replacement to arrive from supplier. He stated there were no other issues. Public Works Superintendent Huntsberry stated Keedysville Meter Reading was completed in 3 hours this quarter and had some meters on Main Street freeze this past winter.
- There were no additional discussions. Motion by Board Member Hull and second by Board Member Long to adjourn the meeting at 7:35 pm. The next regularly scheduled meeting is July 9, 2025 6:30 PM at Boonsboro. (Regular meetings are 2nd Wednesday of January, April, July and October)

BOONSBORO KEEDYSVILLE WATER ADVISORY BOARD

Wednesday April 9, 2025 6:30 PM

Keedysville 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 meeting minutes from February 12, 2025
- II. Status of Capital Projects
- III. Review quarterly usage report and metering between the Towns Jean
- IV. Review of available capacity allocation Jean
- V. Status of DRAFT Consolidated Agreement Town Managers
- VI. Old Business
 - A. Bedrock Water Line replacement Lisa
 - B. GIS System Lisa
 - C. Status of Keedysville proposed Red Men Lodge
- VII. New Business
 - A. Review of proposed Capital Projects for FY 26
 - B. ????
- VIII. Other member comments or business
- IX. System Operator's Report
- X. Public Comment

Next meeting July 9, 2025 in Boonsboro

Water Production Capacity and Available EDU's FY24-25

Water Appropriation Permits		Permitted Daily Avg Flow GPD	GPM	Production Capacity GPD	Available Capacity GPD	Reliable Capacity GPD
Shafer Park & Well #8	WA1988G006(03)	332,000	140 + 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
Total water withdrawn						
FY24			We	ısed 5 year averag	e	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 rpermitted capacity is held in reserve:					502.000	
			Reserve		682,000 68,200	273
EDU Surplus/(Deficit)			ive set ve	10%	00,200	297
Reserve EDU's for Keedysville in new agre	eement:					60
						237
6 EDU commitments to others by Boonsbo	ro					
TT&K (360)	water not paid		18	sewer paid		18
Easterday (153)	water not paid			sewer paid		8
Dean 8486 LLC (Fletcher's Grove)	water not paid			sewer paid		56
Battlefield	water not paid			wer not paid		48
Auction House	•			•		7
Highs	water not paid		se	wer not paid		4
St. Paul	water not paid			•		4
EDU commitments by Keedysville:						3
TOTAL commitments						148

Year Usage	BK Usage				
24-25					
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				
Five Year Average	145,126,536				

EDUs		Gallons per day
Permitted	2,728	682,000
Boonsboro Water	1,870	467,500
Keedysville Water	436	109,000

Quarterly	Actual Usage		
FY24-25	Boonsboro gallons	Keedysville gallons	Total
Q1	37,859,000.00	5,667,092.00	43,526,092.00
Q2	36,408,304.00	5,702,876.00	42,111,180.00
Q3			#VALUE!
Q4			#VALUE!
			#VALUE!

Quarterly	Actual Usage		
FY23-24	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

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

FY24-25	Raw - Utility	Production	Raw Water			Mon		eceived Per To	own	Qtrly Gall	ons Billed to C	ustomers		Billed Gallons	Non -Revenue Fire/Leaks Hydrants	Total Water Accounted (Revenue & Non- Revenue)
Month	(eedysville WTI	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						325,950]
Aug 24	6,071,695	2,567,000	1,072,000	5,326,000	15,036,695	13,215,190	0.879	1,821,505	0.121						507,133]
Sep 24	5,898,397	2,484,000	526,000	4,868,000	13,776,397	11,983,820	0.870	1,792,577	0.130						1,508,645	
1st Qtr	17,963,092	7,620,000	2,263,000	15,680,000	43,526,092	37,859,000	0.870	5,667,092	0.130	21,987,825	41.9%	5,063,373	10.7%	27,051,198	2,341,728	29,392,926
											-15,871,175		-603,719			
Oct 24	5,990,858	2,567,000	830,000	5,189,000	14,576,858	12,746,965	0.874	1,829,893	0.126						10,000]
Nov 24	5,900,322	2,499,000	352,000	5,016,000	13,767,322	11,958,600	0.869	1,808,722	0.131						1103500]
Dec 24	6,025,000	2,591,000	0	5,151,000	13,767,000	11,702,739	0.850	2,064,261	0.150						0	
2nd Qtr	17,916,180	7,657,000	1,182,000	15,356,000	42,111,180	36,408,304	0.865	5,702,876	0.135	18,881,485	48.1%	4,172,210	26.8%	23,053,695	1113500	24,167,195
											-17,526,819		-1,530,666			
Jan 25	6,024,000	2,591,000	534,000	5,414,000	14,563,000	12,075,910	0.829	2,487,090	0.171						0]
Feb 25	5,470,000	2,333,000	1,495,000	4,935,000	14,233,000	11,346,921	0.797	2,886,079	0.203						0]
Mar 25	6,185,000	2,340,000	1,757,000	4,649,000	14,931,000	12,176,918	0.816	2,754,082	0.184						0	
3rd Qtr	17,679,000	7,264,000	3,786,000	14,998,000	43,727,000	35,599,749	0.814	8,127,251	0.186	18,748,872	47.3%	4,549,049	44.0%	23,297,921	0	23,297,921
											-16,850,877		-3,578,202			
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!	#VALUE!		
				Ī	0		·		_		#VALUE!		#VALUE!			
Total	53,558,272	22,541,000	7,231,000	46,034,000	129,364,272	#VALUE!	#VALUE!	19,497,219	0.151	#VALUE!	#VALUE!	#VALUE!	#VALUE!			

F 1 24-23					RAW &	LINIOHED KE	ADINGS												
Month	K WTP RAW	K WTP FINISHED	K to B	Warrenfeltz RAW	Warrenfeltz FINISHED	Park RAW	Park FINISHED	Well 8 RAW	Well 8 FINISHED	B WTP RAW (Warrenfeltz & Park)	B WTP FINISHED METERED	Total Raw	Total Finished	Difference Raw - Finished B WTP	Difference Raw - Finished K WTP	Difference Raw - Finish	Total Water Accounted (Revenue & Non-Revenue)	Difference of Raw- Billed	Average Water loss/ day
Jul 24	5,992,810	6,036,000	3,939,800	665,000	665,000	5,486,000	5,486,000	2,569,000	2,569,000	6,151,000	6,462,000	14,712,810	15,067,000	311,000	43,190	354,190			
Aug 24	6,071,695	6,111,000	4,250,190	1,072,000	1,072,000	5,326,000	5,326,000	2,567,000	2,567,000	6,398,000	6,752,000	15,036,695	15,430,000	354,000	39,305	393,305			
Sep 24	5,898,397	5,961,000	4,105,820	526,000	526,000	4,868,000	4,868,000	2,484,000	2,484,000	5,394,000	5,854,000	13,776,397	14,299,000	460,000	62,603	522,603			
												43,525,902	44,796,000	1,125,000	145,098	1,270,098	29,392,926	14,132,976	142,921
Month	K WTP RAW	K WTP FINISHED	K to B	Warrenfeltz RAW	Warrenfeltz FINISHED	Park RAW	Park FINISHED	Well 8 RAW	Well 8 FINISHED	B WTP RAW (Warrenfeltz & Park)	B WTP FINISHED METERED	Total Raw	Total Finished	Difference Raw - Finished B WTP	Difference Raw - Finished K WTP	Difference Raw - Finish	Total Water Accounted (Revenue & Non-Revenue)	Difference of Raw- Billed	Average Water loss/ day
Oct 24	5,991,000	6,029,000	4,139,190	830,000	830,000	5,189,000	5,189,000	2,567,000	2,567,000	6,019,000	6,368,000	14,577,000	14,964,000	349,000	38,000	387,000			
Nov 24	5,900,000	5,951,000	4,091,600	352,000	352,000	5,016,000	5,016,000	2,499,000	2,499,000	5,368,000	5,662,000	13,767,000	14,112,000	294,000	51,000	345,000			
Dec 24	6,025,000	6,056,000	3,961,000	0	0	5,151,000	5,151,000	2,591,000	2,591,000	5,151,000	5,433,000	13,767,000	14,080,000	282,000	31,000	313,000			
												42,111,000	43,156,000	925,000	120,000	1,045,000	24,167,195	17,943,805	187,765
Month	K WTP RAW	K WTP FINISHED	K to B	Warrenfeltz RAW	Warrenfeltz FINISHED	Park RAW	Park FINISHED	Well 8 RAW	Well 8 FINISHED	B WTP RAW (Warrenfeltz & Park)	B WTP FINISHED METERED	Total Raw	Total Finished	Difference Raw - Finished B WTP	Difference Raw - Finished K WTP	Difference Raw - Finish	Total Water Accounted (Revenue & Non-Revenue)	Difference of Raw- Billed	Average Water loss/ day
Jan 25	6,024,000	6,067,000	3,536,420	534,000	534,000	5,414,000	5,414,000	2,591,000	2,591,000	5,948,000	6,434,000	14,563,000	15,092,000	486,000	43,000	529,000			
Feb 25	5,470,000	5,500,000	2,584,102	1,495,000	1,495,000	4,935,000	4,935,000	2,333,000	2,333,000	6,430,000	6,809,000	14,233,000	14,642,000	379,000	30,000	409,000			
Mar 25	6,185,000	6,206,000	3,430,700	1,757,000	1,757,000	4,649,000	4,649,000	2,340,000	2,340,000	6,406,000	6,771,000	14,931,000	15,317,000	365,000	21,000	386,000			
												43,727,000	45,051,000	1,230,000	94,000	1,324,000	23,297,921	20,429,079	212,279
														Г	1	•			
Month	K WTP RAW	K WTP FINISHED	K to B	Warrenfeltz RAW	Warrenfeltz FINISHED	Park RAW	Park FINISHED	Well 8 RAW	Well 8 FINISHED	B WTP RAW (Warrenfeltz & Park)	B WTP FINISHED METERED	Total Raw	Total Finished	Difference Raw - Finished B WTP	Difference Raw - Finished K WTP	Difference Raw - Finish	Total Water Accounted (Revenue & Non-Revenue)	Difference of Raw- Billed	Average Water loss/ day
Apr 25												0				0			
May 25			·									0				0			
Jun 25												0				0			
													0	l 0		0	#VALUE!	#VALUE!	#VALUE!

Glossary Additions - DRAFT April 2025

Non-Revenue Water: The difference between the number of gallons of water actually produced and treated by the combined system and the number of ballons of water delivered to connections in any given quarter or billing period.

Related Costs: Those costs that are directly related to or incurred during the course of a specific capital improvement, equipment replacement or equipment repair.

Shared Costs: Those costs that are related to the installation, repair or improvement of the total system that are shared in accordance with the ratios set forth in the agreement in force at the time of the activity, unless otherwise mutually agreed upon in writing.

MEMORANDUM OF UNDERSTANDING

BETWEEN
THE MAYOR AND COUNCIL OF
THE TOWN OF BOONSBORO, MARYLAND,
AND
THE MAYOR AND COUNCIL OF
THE TOWN OF KEEDYSVILLE, MARYLAND

RE: WATER ASSET MANAGEMENT SYSTEM

This Magazarandona of Undonstanding (MOU) is outstand into this
This Memorandum of Understanding (MOU) is entered into this day of 2025, by and between the Mayor and Council of the Town of Boonsboro, a municipal corporation (Boonsboro) and the Mayor and Council of the Town of Keedysville, a municipal corporation (Keedysville), and established the general terms and responsibilities for the provision of water system asset management within the town limits of both Towns. The Towns are sometimes referred to herein as "Keedysville" or "Boonsboro," individually and "Towns," collectively.
RECITALS
The Town of Keedysville owns and maintains the water system distribution infrastructure within its municipal boundaries.
The Town of Boonsboro operates the shared water system utilized by both Towns.
The geographic area within Keedysville's municipal boundaries is included in this MOU.
The Towns recognize the importance of developing and maintaining a water asset management system for the protection of public infrastructure, health, safety, and welfare.
The Towns desire to enter into a Memorandum of Understanding (MOU) and agree upon terms that will describe how the Towns will develop and maintain a water asset management system.
This MOU consolidates terms for the development and maintenance of a water system asset management system to the present and future service areas.
NOW, THEREFORE, in consideration of the foregoing, the Towns hereto agree as follows:
Effective Date and Term: The effective date of this MOU is

2. <u>Boonsboro Responsibilities</u>: The Town will procure GIS software and maintain the inventory in the GIS system. The Town will input updated information into the Asset Management System and

the mutual agreement of all of the parties hereto.

ensure both Towns have access to the database. The Town will verify components within Boonsboro's distribution system as well as the shared water system are current and up-to-date within the Asset Management System.

- 3. <u>Keedysville Responsibilities</u>: The Town will pay ____% of the cost of the GIS software. The Town will pay to Boonsboro a fee of \$_____ on a quarterly basis for the maintenance of the inventory in the GIS system. The Town will verify components within Keedysville's distribution system are current and up-to-date within the Asset Management System.
- 4. <u>Updates to the Systems:</u> Each of the Towns shall be responsible for identifying any new, updated, or removed components within their respective boundaries. Any updates will need to be relayed to the Town of Boonsboro for input into the Asset Management System.
- 5. <u>Amendments</u>: Any modification or revision to this MOU shall be made by formal writing and adopted by resolution or other formal enactment by the Towns. Amendments shall be effective for and consistently applied to this MOU and to all subsequently approved by the parties in future amendments to this MOU.
- 6. <u>Severability</u>: The conditions and requirements of this MOU are subject to modification by acts, orders, or directives of regulatory agencies or courts of competent jurisdiction. Should any paragraph, section, or provision of this MOU be annulled by acts, orders, or directives of regulatory agencies or courts of competent jurisdiction, the remaining portions of this MOU shall remain in full force and effect.
- 7. <u>Due Authorization:</u> The Towns agree and represent to each other that this MOU has been approved by each respective governing body at a duly constituted public meeting and that each undersigned has been designated as the duly authorized signatory and representative of said governing body.

In witness whereof, the parties hereto have executed this MOU by their respective duly authorized signatories and representatives.

ATTEST:	MAYOR AND COUNCIL OF THE TOWN OF BOONSBORO
	Ву:
Rachel Souders, Town Manager	Howard Long, Mayor
	Date:

(SIGNATURES APPEAR ON NEXT PAGE.)

ATTEST:	MAYOR AND COUNCIL OF THE TOWN OF KEEDYSVILLE
	Ву:
Lisa Riner, Town Administrator	Kenneth Lord, Mayor
	Date: