



**RAPIDAN SERVICE AUTHORITY
BOARD OF MEMBERS AGENDA
20-Feb-25**

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**NOTE: MEETING TO BE HELD AT THE MADISON COUNTY ADMINISTRATION BUILDING, AT 2:00 PM.
414 N. MAIN STREET, MADISON VA 22727**

A regular meeting of the Board of Members of Rapidan Service Authority was held on January 16, 2025, at the Orange County Public Safety Building, Orange, VA.

The meeting was called to order at 2:00 PM. A quorum was established followed by the Pledge of Allegiance.

Present:	Members:	Coppage, Elliott, Johnson, Marshall, Voorhees
	Staff:	G.M. Clemons, D.O. Jarrell, D.A. Gaskins
	Attorney:	Stefan Calos
	Guests:	Bryan Nicol

The first item of business was the election of officers. On a motion by Coppage, seconded by Voorhees, the Board voted to retain the current slate of officers (Chairman – Johnson, Vice-Chairman – Coppage, Secretary/Treasurer – Clemons, and Assistant Secretary – Gaskins) on a unanimous voice vote.

The agenda for the meeting was then adopted on a motion by Elliott, seconded by Marshall, and passed on a unanimous voice vote.

G.M. Clemons made a minor change to the draft minutes of the December 19, 2024 meeting, and the revised minutes were approved on a motion by Coppage, seconded by Elliott, and passed unanimously on a voice vote.

The minutes of the January 9 public hearing were then approved on a motion by Coppage, seconded by Elliott, and passed unanimously on a voice vote.

During the opportunity for public comment, Orange County Supervisor Bryan Nicol indicated that he had received a couple of complaints regarding the manner in which RSA publicized its meetings. He asked that in addition to posting meeting notices/agendas on its website, that RSA consider sending out an alert to make customers aware of upcoming meetings. He suggested also that RSA could notify customers in the same manner if a meeting were cancelled.

D.A. Gaskins then presented a customer request regarding a high bill. The customer denied using the water, but D.A. Gaskins pointed out that the meter indicated that the usage occurred between November 9-12. He also pointed out that although the customer had asked for relief on a \$500 bill, \$320 of the bill was for the customer's service deposit. The actual water/sewer portion of the bill was approximately \$190. On a motion by Coppage, seconded by Elliott, the Board voted to uphold its usual policy on a unanimous voice vote.

During the opportunity for Board comment, Mr. Coppage asked if RSA had either installed or was planning for a sign at the new office in Madison. G.M. Clemons indicated that he had begun the process and that a sign would be installed at that location. Mr. Voorhees then let the Board know that he had agreed to an on-site interview with NBC 29 regarding upgrades at the Wilderness water plant. He also informed the Board of proposed legislation - Senate Bill 923 - that would restrict the amount of water that could be sold

from one water system to another by restricting the amount of water that could be discharged into a basin other than the system's own to five percent of its total water sales. As this could potentially adversely affect RSA, G.M. Clemons is going to weigh in on the discussions currently taking place.

G.M. Clemons then brought the proposed Madison rate changes to the Board for approval. A public hearing had been held on January 9, 2025, and a few people spoke. The Chairman acknowledged that no one wants an increase in rates but stated that the increase reflects the cost of providing the service. On a motion by Coppage, seconded by Elliott, the rate changes were passed unanimously on a roll call vote.

G.M. Clemons then gave a brief report. He mentioned that he had planned to inform the Board of the potential legislation Mr. Voorhees discussed. With that subject already covered, his only additional comment was that there was no financial report as staff were wrapping up year-end financial matters.

Attorney Calos did not have anything to add at this time.

At 2:18 p.m. the Board went into closed session with Attorney Calos based on the motion made by Coppage, seconded by Marshall, and passed unanimously on a voice vote (see the attached motion to enter into closed Session). The Board came out of closed session at 2:34 p.m., and each Board member individually certified that the requirement regarding matters discussed during the closed session was met.

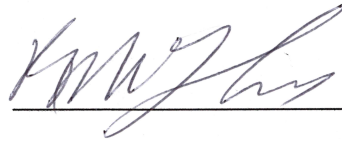
With no further business to discuss, on a motion by Elliott the meeting was adjourned at 2:35 p.m. on a unanimous voice vote.

Chairman

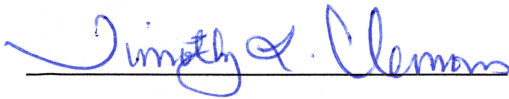
RESOLUTION

RESOLVED, that after a duly noticed public hearing on January 9, 2025, the below Madison Water Rate Schedule and Madison Sewer Rate Schedule are hereby Adopted and put into effect, all pursuant to Virginia Code § 15.2-5136(G).

ADOPTED this 16th day of January 2025.



Mark Johnson, Chairman



Timothy L. Clemons, Secretary

Madison Water Rate Schedule

	Current	2025	2026	2027	2028	2029
Minimum Charge (0-2,000 gal.)	\$27.54	\$35.25	\$36.31	\$37.40	\$38.52	\$39.68
Each Additional 1,000 gal.	\$12.27	\$15.71	\$16.18	\$16.66	\$17.16	\$17.68
Summer Conservation Surcharge	\$1.00	\$2.00	\$2.06	\$2.12	\$2.19	\$2.25

Madison Sewer Rate Schedule

	Current	2025	2026	2027	2028	2029
Minimum Charge (0-2,000 gal.)	\$43.70	\$51.13	\$52.66	\$54.24	\$55.87	\$57.55
Each Additional 1,000 gal.	\$20.35	\$23.81	\$24.52	\$25.26	\$26.02	\$26.80

A Public Hearing for the Locust Grove(East) Rate Change for Rapidan Service Authority was held on February 6, 2025 at the Locust Grove Middle School, Locust Grove, VA.

The meeting was called to order at 7:00 PM. A quorum was established.

Present:	Members:	Johnson, Marshall, Voohees
	Staff:	G.M. Clemons, D.O. Jarrell, D.A. Gaskins
	Guests:	Barbara Consentino, Phil Rodenberg, Bryan Nicol, Jack Phend, Dave Davies, Kingsley Haynes, Mike Brancaitz

The Public Hearing was called to order by Chairman Johnson.

G.M. Clemons introduced the RSA Board Members, who were present, and then read a statement regarding the public hearing into the record.

Seven people spoke regarding the proposed rate increase.

With no further comments, the meeting was adjourned at 7:38 p.m.

Chairman

A Public Hearing for the Rt. 15 Rate Change for Rapidan Service Authority was held on February 10, 2025 at the Orange County Public Safety Building, Orange, VA.

The meeting was called to order at 6:33 PM. A quorum was established.

Present:	Members:	Johnson, Marshall, Voohees
	Staff:	G.M. Clemons, D.O. Jarrell, D.A. Gaskins
	Guests:	None

The Public Hearing was called to order by Chairman Johnson.

G.M. Clemons introduced the RSA Board Members, who were present, and then read a statement regarding the public hearing into the record.

There were no speakers present for the proposed rate increase.

With no further comments, the meeting was adjourned at 6:37 p.m.

Chairman

A Public Hearing for the Rt. 20 Rate Change for Rapidan Service Authority was held on February 10, 2025 at the Orange County Public Safety Building, Orange, VA.

The meeting was called to order at 7:15 PM. A quorum was established.

Present:	Members:	Johnson, Marshall, Voohees
	Staff:	G.M. Clemons, D.O. Jarrell, D.A. Gaskins
	Guests:	None

The Public Hearing was called to order by Chairman Johnson.

There were no speakers present for the proposed rate increase.

With no further comments, the meeting was adjourned at 7:16 p.m.

Chairman

Please consider this at our upcoming Meeting:

From bren <havingalotafun@gmail.com>

Date Thu 2/13/2025 12:20 AM

To RSA Board <rsaboard@Rapidan.org>

To whom it may concern at the RSA Board. Please notify us if you want us to come in person to your meeting IF you have further questions or you can call me at 540-259-9539 for clarification.

For record sake, I have added details to our case as it involves another previous incident and I believe it is necessary you know all of them. I know your time is valuable, but I would very much appreciate your reading and discussing the additional info as well before you make your decisions.

I am writing with reference to our account #996-4 regarding a bill we received early February 2025. I am asking that any charge beyond January 15th (the day the meter was read*) be removed, as we have a letter on file which requests that we be notified if any charge goes beyond our normal usage of around \$25 a month. The water usage went up to just above 3000 gallons and the water continued to run after the reading of the meter on the 15th until our mail arrived. **We were not notified via a call as requested, due to this taking place a few years earlier**.**

*The Emergency Technician I spoke with that evening said he was the one who read the meter. He remembered seeing the meter spinning and knocked on our door, but no one was home it seemed to him. (We are ages 77 and 75 and seldom go out in the winter; perhaps we did not hear his knock.) Even so, he did not leave us a door knocker indicating the meter was running. He did indicate on his part he “notified the office so they could notify us, but could not explain why they did not.”

**Initially we asked for this notification arrangement the first time this took place (no notification of huge amount of excess water being used when reading the meter, allowing the water to continue to be poured out until the bill arrived preventing us from being given the opportunity to rectify the situation immediately). At that time I requested a letter be placed in our files and hopefully be recorded in your Billing Program incase this were to happen again not only to us but to others, (we’ve had droughts and do not need to waste public water!). I urged RSA to setup a program to notify those of us you serve when this takes place. I was told the notification letter was filed and it is still on file today. I was also told that due to the move to Locust Grove and a new computer system/program? being set up the office workers are currently behind and received a apology. I understand (having been a secretary) and thus request understanding on your part as the Board.

I already knew RSA had moved to Locust Grove as when our January bill arrived, I called immediately, wanting to make sure that my letter was still on file. I also wanted to make sure they knew we were still paying off a prearranged monthly bill from a few years past when our pipes burst; *again no one notified us at that time*. I also wanted it to be on record that we were on auto pay, so we could avoid a late charge. The 2025 bill said we had a pay in full due date. After she did research, I was assured this was already in their program even though they moved to Locust Grove we could still pay as previously arranged. It was at that time she suggested I fill out an Exoneration Form with the hopes of receiving some of the initial cost returned from the first time the pipes burst. I have found out since, we do not qualify. Even so I added it here as I want to have a written record of what I have done on my part, for numerous reasons.

When this first happened several years ago, I was told I could write the Board with the same request as today, explaining we are on Medicare/Medicaid and have limited funds to work with. I did so in detail, apparently we were denied with no explanation. This time I would like a written response from the Board please.

The first time, Trace Gaskins said a stretched out payment arrangement was the best RSA could do and we owed the entire amount. It was not until the bill came in the first time that we realized there was a burst pipe (a few feet away where our side of the valve joined yours on Route 29). We understood we were responsible to fix it. My husband a jack of all trade fixed it immediately, we did not need to wait for outside sources to fix it on both accounts. Even so, we still had to pay for the water usage that continued to spray up like a fountain, beyond the initial meter reading. Later on when we met the woman who read it she indicated that there was a shortage of personnel (I suppose to do with Covid) and that was probably why no one notified us. With all of that said, I am asking that your company make any adjustments to your policies so this type of needless distress does not take place for not only ourselves, but others in years to come...

Thanks ever so kindly for considering all of this, I hope to hear from you, the RSA Board sooner than later; in particular with regard to removing the additional water usage charge beyond the meter reading of January 15th to the day we received your mail, early February (the night we called in). Mr. Gaskins indicated the newer additional fees (only up to the 15th I hope) can be added to the balance due of \$229.81 – now minus \$90 take out on the 7th of January. It is our hope that due to not being notified initially and our low income, at the least, the previous amount still owed will be removed as well...

Brenda and Charlie Ward
540-259-9539

You are hereby advised that, pursuant to the Virginia Freedom of Information Act, written correspondence (including, but not limited to, letters, e-mails and faxes) from and to Rapidan Service Authority and its Board of Members and employees, and others acting on its behalf, may be subject to disclosure as a public record. This includes the e-mail address(es) and other contact and identifying information for parties involved in the correspondence.

DATA LOGGING REPORT

November 2, 2024 - February 6, 2025

CHARLIE WARD

Account Number: 996-4

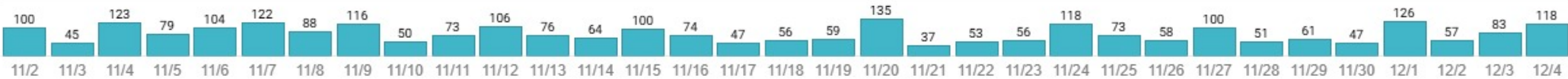
Address: 11487 Cedar Hill RD

MIU#: 1569120016

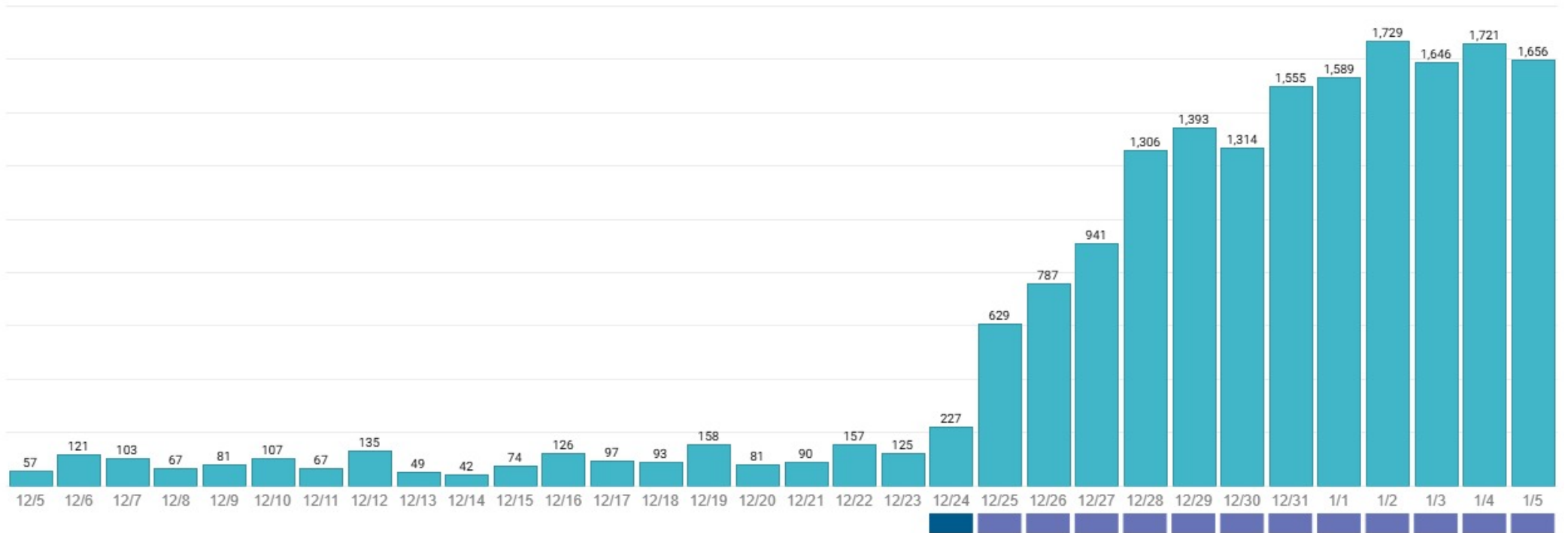
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UOM: GALLONS

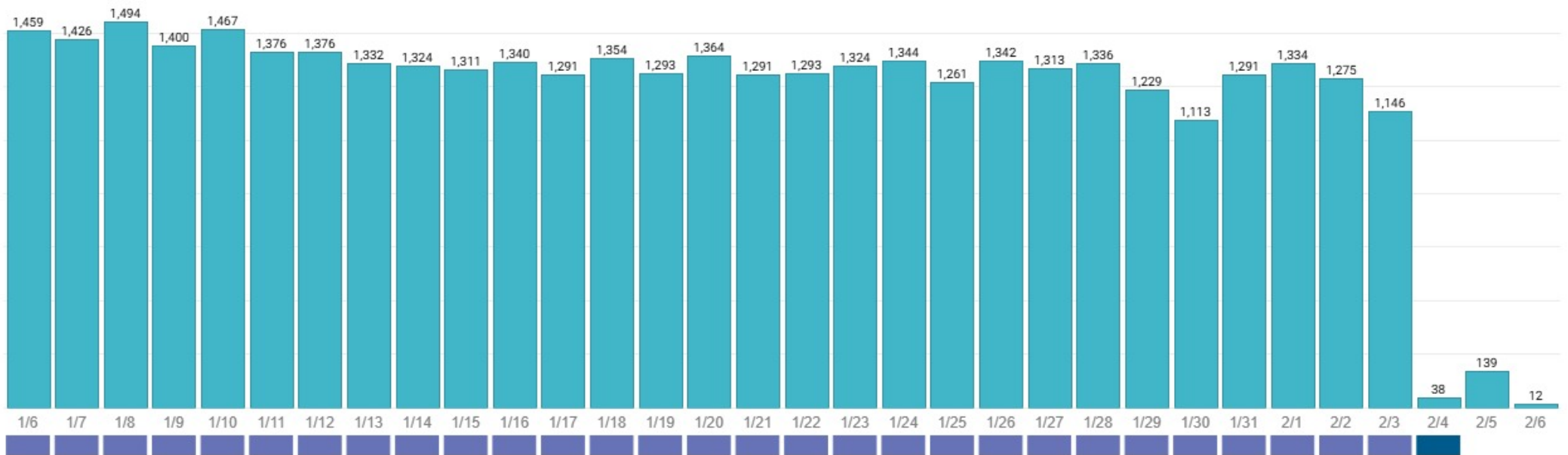
Major Reverse Minor Reverse Continuous Consumption Intermittent Consumption



■ Major Reverse
 ■ Minor Reverse
 ■ Continuous Consumption
 ■ Intermittent Consumption



■ Major Reverse
 ■ Minor Reverse
 ■ Continuous Consumption
 ■ Intermittent Consumption



Date/Time	Reading	Consumption	Reverse Flow	Consumption Flag
02/06/2025 12:00	310030.7	11.6		
02/05/2025 12:00	310019.1	139.1		
02/04/2025 12:00	309880.0	37.6		Intermittent
02/03/2025 12:00	309842.4	1145.5		Continuous
02/02/2025 12:00	308696.9	1275.0		Continuous
02/01/2025 12:00	307421.9	1334.3		Continuous
01/31/2025 12:00	306087.6	1290.6		Continuous
01/30/2025 12:00	304797.0	1112.9		Continuous
01/29/2025 12:00	303684.1	1229.2		Continuous
01/28/2025 12:00	302454.9	1335.7		Continuous
01/27/2025 12:00	301119.2	1312.6		Continuous
01/26/2025 12:00	299806.6	1341.8		Continuous
01/25/2025 12:00	298464.8	1260.5		Continuous
01/24/2025 12:00	297204.3	1343.5		Continuous
01/23/2025 12:00	295860.8	1324.3		Continuous
01/22/2025 12:00	294536.5	1292.7		Continuous
01/21/2025 12:00	293243.8	1290.9		Continuous
01/20/2025 12:00	291952.9	1364.2		Continuous

Date/Time ↓	Reading	Consumption	Reverse Flow	Consumption Flag
01/19/2025 12:00	290588.7	1292.7		Continuous
01/18/2025 12:00	289296.0	1353.7		Continuous
01/17/2025 12:00	287942.3	1291.1		Continuous
01/16/2025 12:00	286651.2	1339.9		Continuous
01/15/2025 12:00	285311.3	1311.3		Continuous
01/14/2025 12:00	284000.0	1323.7		Continuous
01/13/2025 12:00	282676.3	1331.7		Continuous
01/12/2025 12:00	281344.6	1375.7		Continuous
01/11/2025 12:00	279968.9	1375.8		Continuous
01/10/2025 12:00	278593.1	1467.1		Continuous
01/09/2025 12:00	277126.0	1400.1		Continuous
01/08/2025 12:00	275725.9	1494.0		Continuous
01/07/2025 12:00	274231.9	1426.3		Continuous
01/06/2025 12:00	272805.6	1458.6		Continuous
01/05/2025 12:00	271347.0	1656.0		Continuous
01/04/2025 12:00	269691.0	1721.0		Continuous
01/03/2025 12:00	267970.0	1645.7		Continuous
01/02/2025 12:00	266324.3	1728.5		Continuous

Date/Time	Reading	Consumption	Reverse Flow	Consumption Flag
01/01/2025 12:00	264595.8	1588.8		Continuous
12/31/2024 12:00	263007.0	1554.9		Continuous
12/30/2024 12:00	261452.1	1313.9		Continuous
12/29/2024 12:00	260138.2	1392.9		Continuous
12/28/2024 12:00	258745.3	1306.3		Continuous
12/27/2024 12:00	257439.0	941.0		Continuous
12/26/2024 12:00	256498.0	786.5		Continuous
12/25/2024 12:00	255711.5	629.1		Continuous
12/24/2024 12:00	255082.4	226.8		Intermittent
12/23/2024 12:00	254855.6	124.9		
12/22/2024 12:00	254730.7	156.8		
12/21/2024 12:00	254573.9	90.4		
12/20/2024 12:00	254483.5	81.0		
12/19/2024 12:00	254402.5	157.8		
12/18/2024 12:00	254244.7	92.6		
12/17/2024 12:00	254152.1	96.7		
12/16/2024 12:00	254055.4	126.1		
12/15/2024 12:00	253929.3	74.4		

Date/Time ↓	Reading	Consumption	Reverse Flow	Consumption Flag
12/14/2024 12:00	253854.9	41.9		
12/13/2024 12:00	253813.0	49.3		
12/12/2024 12:00	253763.7	135.3		
12/11/2024 12:00	253628.4	66.5		
12/10/2024 12:00	253561.9	107.2		
12/09/2024 12:00	253454.7	81.2		
12/08/2024 12:00	253373.5	66.7		
12/07/2024 12:00	253306.8	103.2		
12/06/2024 12:00	253203.6	120.6		
12/05/2024 12:00	253083.0	57.0		
12/04/2024 12:00	253026.0	117.7		
12/03/2024 12:00	252908.3	83.2		
12/02/2024 12:00	252825.1	56.6		
12/01/2024 12:00	252768.5	126.0		
11/30/2024 12:00	252642.5	47.2		
11/29/2024 12:00	252595.3	60.8		
11/28/2024 12:00	252534.5	51.1		
11/27/2024 12:00	252483.4	100.4		

Date/Time ↓	Reading	Consumption	Reverse Flow	Consumption Flag
11/26/2024 12:00	252383.0	57.7		
11/25/2024 12:00	252325.3	72.5		
11/24/2024 12:00	252252.8	118.0		
11/23/2024 12:00	252134.8	55.5		
11/22/2024 12:00	252079.3	52.6		
11/21/2024 12:00	252026.7	37.2		
11/20/2024 12:00	251989.5	134.8		
11/19/2024 12:00	251854.7	58.7		
11/18/2024 12:00	251796.0	55.5		
11/17/2024 12:00	251740.5	47.1		
11/16/2024 12:00	251693.4	74.3		
11/15/2024 12:00	251619.1	99.7		
11/14/2024 12:00	251519.4	63.8		
11/13/2024 12:00	251455.6	75.5		
11/12/2024 12:00	251380.1	105.6		
11/11/2024 12:00	251274.5	73.0		
11/10/2024 12:00	251201.5	49.6		
11/09/2024 12:00	251151.9	115.6		

Date/Time ↓	Reading	Consumption	Reverse Flow	Consumption Flag
11/08/2024 12:00	251036.3	88.3		
11/07/2024 12:00	250948.0	121.5		
11/06/2024 12:00	250826.5	104.2		
11/05/2024 12:00	250722.3	79.2		
11/04/2024 12:00	250643.1	123.2		
11/03/2024 12:00	250519.9	45.0		
11/02/2024 12:00	250474.9	100.4		

RESOLUTION

RESOLVED, that after a duly noticed public hearing on February 6, 2025, the below Locust Grove Water Rate Schedule and Locust Grove Sewer Rate Schedule are hereby Adopted and put into effect, all pursuant to Virginia Code § 15.2-5136(G).

ADOPTED this _____ day of February 2025.

Mark Johnson, Chairman

Timothy L. Clemons, Secretary

Locust Grove Water Rate Schedule						
	Current	2025	2026	Proposed 2027	2028	2029
Minimum Charge (0-2,000 gal.)	\$11.88	\$16.63	\$17.13	\$17.64	\$18.17	\$18.72
Each Additional 1,000 gal.	\$4.44	\$6.22	\$6.40	\$6.59	\$6.79	\$7.00
Summer Conservation Surcharge	\$1.00	\$2.00	\$2.06	\$2.12	\$2.19	\$2.25
Non-User Fee	\$3.00	\$4.19	\$4.33	\$4.46	\$4.59	\$4.72

Locust Grove Sewer Rate Schedule						
	Current	2025	2026	Proposed 2027	2028	2029
Minimum Charge (0-2,000 gal.)	\$37.56	\$38.69	\$39.85	\$41.04	\$42.27	\$43.54
Each Additional 1,000 gal.	\$13.78	\$14.19	\$14.62	\$15.06	\$15.51	\$15.97
LOW Vac Sewer Fee (Inside LOW Only)	\$7.00	\$10.00	\$10.50	\$11.00	\$11.50	\$12.00
LOW Vac Sewer Upgrade (Inside LOW Only)	\$0.00	\$23.50	\$23.50	\$23.50	\$23.50	\$23.50
Flat Non-Metered Rate	\$87.17	\$89.79	\$92.48	\$95.25	\$98.11	\$101.05
Non-User Fee	\$17.00	\$33.50	\$34.00	\$34.50	\$35.00	\$35.50

RESOLUTION

RESOLVED, that after a duly noticed public hearing on February 10, 2025, the below Rt. 15 Water Rate Schedule are hereby Adopted and put into effect, all pursuant to Virginia Code § 15.2-5136(G).

ADOPTED this _____ day of February 2025.

Mark Johnson, Chairman

Timothy L. Clemons, Secretary

	Rt. 15 Water Rate Schedule					
	Current	2025	2026	Proposed 2027	2028	2029
Minimum Charge (0-2,000 gal.)	\$17.68	\$23.51	\$24.22	\$24.95	\$25.69	\$26.47
Each Additional 1,000 gal.	\$7.34	\$9.76	\$10.06	\$10.36	\$10.67	\$10.99
Summer Conservation Surcharge	\$1.00	\$2.00	\$2.06	\$2.12	\$2.19	\$2.25

RESOLUTION

RESOLVED, that after a duly noticed public hearing on February 10, 2025, the below Rt. 20 Water Rate Schedule are hereby Adopted and put into effect, all pursuant to Virginia Code § 15.2-5136(G).

ADOPTED this _____ day of February 2025.

Mark Johnson, Chairman

Timothy L. Clemons, Secretary

	Rt. 20 Water Rate Schedule					
	Current	2025	2026	Proposed 2027	2028	2029
Minimum Charge (0-2,000 gal.)	\$9.80	\$23.52	\$24.23	\$24.95	\$25.70	\$26.47
Each Additional 1,000 gal.	\$3.40	\$8.16	\$8.40	\$8.66	\$8.92	\$9.18
Summer Conservation Surcharge	\$1.00	\$2.00	\$2.06	\$2.12	\$2.19	\$2.25

April 13, 2025

Mr. Tim Clemons
 General Manager, Rapidan Service Authority
 2445 S. Seminole Trail
 Madison, VA 22727

RE: Wilderness WTP Floc Tank Stairs and Pre-Sed Basin Walkway Project

Rapidan Service Authority opened sealed bids for the above referenced project on February 7, 2025. The project scope entails new stairs and walkway for the existing raw water pump station and pre-sedimentation tanks. This will replace an aged access stair to the raw water pump station and provide new superior access to the pre-sed basin. Additionally, integral access ladders connected to the new walkway system will extend down into each pre-sed basin to facilitate maintenance activities when required down in this very deep basin. The project scope also entails providing better access to the top of the new floc tank structure using walkways and landings which also connect to the new pre-sed basin walkway. The floc tank is a tall structure and this new stair and walkway system will replace the access ladder that was installed as part of the floc tank construction during GWWIP Phase Ia. The top of the floc tank is fully grated and has a perimeter handrail that was installed as part of the GWWIP Phase Ia project. All materials of construction for the stairs and walkways in this new project are non-corrosive (either stainless steel or aluminum) and all steps have a non-slip texture.

The table below presents the bid tabulation for this project.

Wilderness WTP Pre Sed Basin Walkway And Floc Tank Stairs Project Bid Tabulation Bid Opening: February 7, 2025 @ 2:00 PM	
Consumers/Dornin-Adams, Inc.	\$269,665.00 (1)
Haley Builders	\$285,000.00
Concrete Services Division LLC	\$348,987.00
Patterson Construction Co., Inc.	\$368,644.00
WACO Inc.	\$397,654.00
D&P Welding and Fabrication	N/A (2)

Notes:

1. Responsive and Responsible Low Bidder.
2. Bid was determined to be non-responsive as it did not include the required installation services and expressly excluded any field measuring prior to shop fabrication.

Consumers/Dornin-Adams, Inc. submitted the low bid and it was deemed to be the low responsive responsible bid. Mangrum Consulting recommends project award to Consumers/Dornin-Adams Inc. for the bid amount of \$269,665.00.

Please do not hesitate to contact me (Rob@mangrumconsulting.com; (434) 665-1515)) should you have any questions or require additional information. And thank you for this opportunity to work again with Rapidan Service Authority.

With Regards,



Rob Mangrum, P.E., BCEE

Consultant / Process Engineer

*Board Certified by the American Academy of Environmental Engineers
Water Supply and Wastewater Treatment*

4258 Germanna Hwy, Ste. A
Locust Grove, VA 22508
(540) 972-2133



2445 S. Seminole Trl.
Madison, VA 22727
(434) 985-7811

MEMO TO FILE

DATE: January 29, 2025

TO: Tim Clemons, General Manager

FROM: *Lynn Clements*
Lynn Clements, Director of Projects

RE: Wilderness Shores Subdivision, Section 14, Water Main and Sewer Main Acceptance

The developers of Wilderness Shores Subdivision (Denali Capital Group, LLC.) have completed the installation of water mains and gravity sewer mains to serve 37 residential lots on Wilderness Shores Way and Coyote Trail of the Wilderness water distribution system in Orange County. The gravity sewer mains are an extension of the Wilderness sewer collection system in Orange County.

All documentation has been received and is correct. RSA policy requires formal Board acceptance of infrastructure serving 15 or more equivalent residential units.

Therefore, I recommend that RSA accept the water and sewer infrastructure serving this residential subdivision into RSA's Wilderness water and sewer systems in Orange County.

MEMORANDUM

DATE: February 20, 2025
TO: RSA Board of Members
FROM: Tim Clemons, GM
RE: Disinfection By-Product Update

As the Board is aware, we have been working to lower the HAA5's on the Germanna line, one of four sample sites, in the Wilderness Water system, for the past year or so. The results on this one line had placed us in non-compliance with federal and state regulations. The limit for the HAA5 rolling annual average is 60 parts per billion.

Having just completed the 1st quarter 2025 sampling, all locations are in compliance with federal and state drinking water regulations. Below are the quarterly test results and rolling annual average (RAA), in parts per billion, for each of the four sites over the past 4 quarters:

Location	Ramsay	Library	Wilderness Shores Way	Germanna
	Site 1	Site 2	Site 3	Site 4
2 nd Quarter 2024	72	58	52	73
3 rd Quarter 2024	56	31	33	39
4 th Quarter 2024	46	54	36	60
1 st Quarter 2024	41	41	27	34
RAA	47	46	39	51

RSA Staff have implemented various changes within both the water treatment process and the water distribution system maintenance. We will continue monitoring this issue closely as we move forward with future upgrades/improvements to ensure compliance to the highest degree possible.