



**RAPIDAN SERVICE AUTHORITY  
BOARD OF MEMBERS AGENDA  
15-Jun-23**

	<u>PAGE</u>
1 CALL TO ORDER BY CHAIRMAN, LEE FRAME	
2 ROLL CALL - ESTABLISHMENT OF QUORUM	
3 PLEDGE OF ALLEGIANCE	
4 ADOPTION OF AGENDA	
5 APPROVAL OF MINUTES - May 18, 2023	1 - 2
6 OLD BUSINESS	
7 NEW BUSINESS	
A. ANNUAL OFFICER'S ELECTION	3
B. PUBLIC COMMENT	
C. CUSTOMER REQUESTS	
D. COMMENTS FROM THE BOARD	
E. INFORMATIONAL HEARING FOR WILDERNESS WTP WITHDRAWAL PERMIT	4 - 5
F. WATER PURCHASE CONTRACT w/ TOWN OF ORANGE	6 - 13
G. RT. 20 ADDENDUM TO WATER PURCHASE CONTRACT	14 - 16
H. GENERAL MANAGER REPORT	17 - 18
I. ATTORNEY REPORT	
J. CLOSED SESSION	
8 ADJOURNMENT	

**NOTE: MEETING TO BE HELD AT THE ORANGE COUNTY PUBLIC SAFETY BUILDING AT 2:00 PM.  
11282 GOVERNMENT CENTER DRIVE, ORANGE, VA 22960**

A regular meeting of the Board of Members of Rapidan Service Authority was held on May 18, 2023 at the Orange County Public Safety Building.

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

Present:	Members:	Bowman, Coppage, Crozier (via Zoom), Frame, Martin, Yowell
	Staff:	GM Clemons, DO Jarrell, DA Gaskins
	Attorney:	Terry Lynn
	Visitors:	Ben Packett (RFCA)

The agenda for the meeting was adopted on a motion by Bowman, seconded by Martin and approved unanimously on a voice vote.

On a motion made by Bowman, seconded by Yowell, the minutes of the April 20, 2023 Board meeting were approved unanimously on a voice vote.

Under old business, Mr. Bowman reported that the Greene County Board of Supervisors had agreed to RSA's request to extend the date that RSA would be allowed to rent the Ruckersville office space from the County to one year from the date of the transition. On a motion by Bowman, seconded by Coppage, the Board unanimously voted to approve the resolution authorizing the Chairman to sign the revised lease agreement at the appropriate time.

There were no public comments or customer requests. During the opportunity for Board comment, Troy Coppage and the Chairman commended the General Manager and staff for their work under the difficult circumstances produced by the fire at the East office. Mr. Bowman thanked the Orange and Madison County representatives that the letters the SCC requested from those localities regarding the Greene County separation had been promptly submitted. He indicated that Greene County had asked that the SCC suspend the remainder of the waiting period given for the letters and that Greene County would notify the Board as soon as SCC approval was obtained.

Ben Packett from Robinson, Farmer, Cox Associates then presented the 2022 annual audit. He went through the report and highlighted the relevant sections as well as a couple of recently adopted auditing standards. The Chairman asked him to let the Board know of any potential pitfalls RSA could face as a result of the upcoming separation of Greene County so that steps could be taken to avoid them.

The Board then discussed renewing the authorization of the General Manager to pursue term contracts for engineering services. Since the one-year authorization granted last year, RSA has been able to engage engineering services as needed for various water and wastewater projects. The code allows these contracts to be renewed annually for another three years and the General Manager would like to continue to be able to do so as additional engineering services are needed and RSA is satisfied with the service it has received. On a motion from Coppage, seconded by Yowell, the Board voted 6-0 on a rollcall vote to give the General Manager authority to enter into these term contracts for water and wastewater engineering services for three additional one-year terms.

GM Clemons then gave his report. He expressed his appreciation for Trace Gaskins' and Cindy Breeden's work on the audit and announced that Jim Crozier had been appointed to another four-year term on the RSA Board by Orange County. He then reported on the April 28 fire that destroyed the Locust Grove RSA office. DO Jarrell and DA Gaskins had temporary office space arranged at the sewer plant by the following Monday and arrangements have been made to lease a building for office space until RSA has a building again. RSA's insurance carrier, Cincinnati Insurance, is currently investigating the fire and will cover the cost of the rental space. Orange County's Fire Marshall has indicated that they believe the cause of the fire was electrical. GM Clemons then pointed out that the Wilderness Water Treatment Plant had been presented the silver 2022 award for filtration and backwash performance by the Department of Health's Office of Drinking Water. Also included in the Board package was a copy of a PowerPoint presentation given by DO Jarrell in April at the VA AWWA Drinking Water Quality and Research Committee meeting in Richmond.

Attorney Lynn then reported that the SCC has been given everything it has requested regarding the Greene County separation and that RSA and Greene County are waiting to receive notice of approval. Everything is in place to proceed with the separation in a timely manner once that approval has been received.

As there was no further business to be brought before the Board, Bowman made a motion, seconded by Martin, that the meeting be adjourned. The motion passed on a unanimous voice vote at 2:30 PM.

---

Chairman

Rapidan Service Authority  
Current Officers

Chairman	Lee Frame
Vice-Chairman	Troy Coppage
Secretary-Treasurer	Tim Clemons
Assistant Secretary	Trace Gaskins

Pursuant to RSA Bylaws, the Board elects' officers at the June meeting for the upcoming year. I have contacted the current officers to confirm that they are willing to continue to serve another year. All are willing to do so.

Tim Clemons  
General Manager/RSA  
June 2023



# Memorandum

To: RSA Board of Members  
From: David Jarrell, Director of Operations  
Date: June 12, 2023  
Re: Wilderness WTP VWP Surface Water Withdrawal Permit

---

RSA holds a permit from the Virginia Department of Environmental Quality (DEQ) that allows for withdrawal of water from the Rapidan River for the Wilderness Water Treatment Plant. The current version of this Virginia Water Protection Permit was issued in 2008 (effective 10/31/08) and will expire on October 30, 2023. Staff have been in communication with DEQ since August 2022 regarding the reissuance process.

To accommodate ongoing and anticipated development within the upcoming permit term, an increased withdrawal volume limit will be requested. The existing permit allows for withdrawal of up to 3 million gallons per day (MGD). RSA will be requesting a new daily limit of 4 MGD, as informed by demand projections included in the 2018 "Germanna-Wilderness Area Water and Wastewater Master Plan" developed by Orange County.

Pursuant to 9VAC25-210-320B, a preapplication public notice is required.

*Preapplication public notice. For new or expanded surface water withdrawals requiring an individual VWP permit and proposing to withdraw 90 million gallons a month or greater, a potential applicant shall provide information on the project, shall provide an opportunity for public comment on the proposed project, and shall assist in identifying public concerns or issues prior to filing a VWP individual permit application.*

The following notice was posted in the Orange County Review from May 18<sup>th</sup> to June 3<sup>rd</sup>, 2023.

*Rapidan Service Authority (RSA) intends to apply for a Virginia Water Protection (VWP) surface water withdrawal permit. RSA's existing Rapidan River Intake is located in Locust Grove, VA. The current VWP permit allows a max daily withdrawal of 2.99 million gallons (Mgal) per day and a max annual withdrawal of 1,094 Mgal/year. RSA will be requesting an increase of the current withdrawal limits to 4 Mgal/day, 120 Mgal/month, and 1,440 Mgal/year. Additionally, installation of new screening equipment at the existing intake will be requested to meet the updated intake velocity requirement. Interested parties may contact RSA with questions or comments using the following contact information: David Jarrell, (434) 985-7811, PO Box 148, Ruckersville, VA 22968. Comments will be used to*

*identify potential impacts related to the proposed maximum daily withdrawal limit. A public information meeting will be held during RSA's June Board of Members meeting at 2pm on June 15<sup>th</sup> at the Orange County Public Safety Building (11282 Government Center Dr., Orange, VA).*

Upon completion of the June 15<sup>th</sup> Public Information Meeting, public comments will be considered by staff, and the application will be finalized. Once a draft permit is issued by DEQ, a public comment period will take place prior to issuance of the final permit. I would be glad to answer any questions you may have during this reissuance process.

**Rapidan Service Authority  
June 15, 2023 Meeting  
Town of Orange Water Purchase Contract**

**RESOLUTION**

**A RESOLUTION APPROVING THE TOWN OF ORANGE WATER PURCHASE  
CONTRACT AND GRANTING AUTHORITY TO RAPIDAN SERVICE AUTHORITY'S  
GENERAL MANAGER TO ENDORSE SAID CONTRACT**

WHEREAS in May of 1971 Rapidan Service Authority ("RSA") entered into a Water Purchase Contract with the Town of Orange wherein RSA purchased water from the Town of Orange; and

WHEREAS the May of 1971 contract between RSA and the Town of Orange has been amended from time to time; and

WHEREAS on January 8, 1999 RSA entered into a follow up agreement with the Town of Orange which governed the terms under which RSA purchased water from the Town of Orange; and

WHEREAS the term for the January 8, 1999 contract ends on September 30, 2023; and

WHEREAS RSA's General Manager and the Manager for the Town of Orange have worked together in negotiating a new Water Purchase Contract, a copy of which is attached hereto as Exhibit "1"; and

WHEREAS RSA needs to have a new Water Purchase Contract with the Town of Orange executed before the September 30, 2023 termination date; and

WHEREAS RSA gives its approval to the terms of the Water Purchase Contract attached hereto as Exhibit "1"; and

NOW, THEREFORE BE IT RESOLVED, that the Rapidan Service Authority Board does hereby approve the Water Purchase Contract attached hereto as Exhibit "1" and all of its Recitals and Terms; and

BE IT FURTHER RESOLVED that the Rapidan Service Authority Board authorizes its General Manager to execute the Water Purchase Contract.

Adopted: June 15, 2023

---

Lee Frame, Chairman  
Rapidan Service Authority

ATTEST:

---

Tim Clemons, Secretary  
Rapidan Service Authority

M:\Rapidan Service Authority\Greene Withdrawal\RSA Resolution Re Town Of Orange Water Agreement .Docx



## WATER PURCHASE CONTRACT

This Water Purchase Contract for the sale and purchase of water is entered into this \_\_\_\_ day of \_\_\_\_\_, 2023, between THE TOWN OF ORANGE, VIRGINIA, a municipal corporation (“Seller”), and the RAPIDAN SERVICE AUTHORITY, a corporate body politic (“Purchaser”).

### WITNESSETH

WHEREAS there has existed heretofore a Water Contract between the parties, said Water Contract having been entered into on May 14, 1971, and amended thereafter from time to time (“prior contract”); and

WHEREAS the parties wish to enter into a new contract modifying certain terms to the contract and extending the term of the contract; and

WHEREAS the parties wish for the terms set forth herein to supersede any and all prior agreements.

NOW THEREFORE,

### WITNESSETH

That for and in consideration of One Dollar (\$1.00) cash in hand paid and other good and valuable consideration hereby acknowledged by the parties to be sufficient at law, the parties agree as follows:

#### A. THE SELLER AGREES:

1. (Quality and Quantity) To furnish at the metering point of delivery located at the Seller’s water plant during the term of this contract, and any renewal or extension thereof, potable treated water meeting applicable purity standards of the Virginia Health Department and such quantity as may be required by the Purchaser, not to exceed fifteen million (15,000,000) gallons per month, or a maximum of five hundred thousand (500,000) gallons per day, provided however, that Purchaser shall have the ability to withdraw more than 500,000 gallons per day only upon advance notice to the Seller of the Purchaser’s need to do so, except such advance notice shall not be required in an emergency situation, and provided that Seller, in the reasonable opinion of the Town Manager or their designee, has the desired water available for sale and can deliver the water at the desired time.

In addition, the parties agree that the daily guarantee here provided (but no other terms) may be re-opened for negotiation upward or downward should any material event occur which substantially affects the need or lack thereof by the Purchaser for water.

2. (Point of Delivery and Pressure) The water will be furnished at a reasonably constant pressure calculated at the Orange plant. Emergency failures of

pressure or supply due to main supply line breaks, power failure, flood, fire and use of water to fight fire, earthquake, or other catastrophe, shall excuse the Seller from this provision for such reasonable period as may be necessary to restore pressure or supply. Unless requested by Purchaser, Seller shall produce water at a PSI equal to that adequate to supply the Town of Orange. If requested by the Purchaser, in writing, Seller shall install a pressure valve. If the valve is requested by Purchaser and is installed by Seller, the cost of acquisition and installation shall be paid one-half (1/2) by Seller and one-half (1/2) by Purchaser. The Seller's cost shall not be a component of the Unit Cost of Production.

3. (Metering Equipment) To furnish, install, operate and maintain at its own expense at point of delivery, the necessary metering equipment including a metering house or pit and required devices of standard type for properly measuring the quantity of water delivered to the Purchaser, and to calibrate such metering equipment whenever requested by the Purchaser, but not more frequently than once every twelve (12) months. A meter reading testing not more than two percent (2%) above or below the test result shall be deemed accurate. The previous readings of any meter disclosed by test to be inaccurate shall be corrected for the six (6) months previous to such test in accordance with the percentage of inaccuracy found by such test. If any meter fails to register for any period, the amount of water furnished during such periods shall be deemed to be the amount of water delivered in the corresponding period immediately prior to the failure, unless Seller and Purchaser agree upon a different amount. The metering equipment shall be read on the first day of each month. An appropriate official of the Purchaser shall have access to the meter at all reasonable times for the purpose of verifying its readings.
4. (Billing Procedure) To furnish Purchaser at the Notice address, below, not later than the fifth (5<sup>th</sup>) day of each month with an itemized statement of the daily amount of water metered to Purchaser during the preceding month.

**B. THE PURCHASER AGREES:**

1. To pay to Seller not later than the 20<sup>th</sup> day of each month for water metered in accordance with the rate set forth in Section C below.
2. To pay to Seller interest on unpaid accounts at the then current legal rate of interest.

**C. IT IS FURTHER MUTUALLY AGREED BETWEEN THE PARTIES AS FOLLOWS:**

1. (Term) This contract shall extend for a period of-fifteen (15) years, from October 1, 2023, to September 30, 2038, with an option to renew for a 5-year extension upon mutual written agreement. If this contract is not renewed by the end of the extension, the Town will provide, and RSA may purchase,

water per the Code of Ordinances of the Town of Orange at the commercial base rate and out of town usage rate.

2. (Failure to Deliver) The Seller will, at all times, operate and maintain its system in an efficient manner and will take such action as may be necessary to furnish the Purchaser at the point of delivery with quantities of water required by the Purchaser. Temporary or partial failures to deliver water shall be remedied with all possible dispatch. In the event of an extended shortage of water, or if the supply of water available to the Seller is otherwise diminished over an extended period of time, the supply of water available to Purchaser shall be reduced or diminished in the same ratio or proportion as the supply to Seller's other consumers is reduced or diminished.
3. (Successor to Parties) This agreement shall be binding upon the parties hereto, and to their successors and assigns upon the approval of both Parties. Such approval shall not be unreasonably withheld.
4. (Calculation of Unit Cost) The Water rate beginning on October 1, 2023, and for each year thereafter for the term of this contract, shall be equal to one hundred ten percent (110%) of the actual Unit Cost of production of water (Unit Cost)<sup>1</sup> in the Seller's prior fiscal year. Unit Cost shall include all expenses incurred by Seller (a) in the operation and maintenance of the Seller's water treatment plant, (b) administrative costs,<sup>2</sup> and (c) annual depreciation attributable to the net capital cost<sup>3</sup> of equipment or other assets used in the production of water for sale to the Purchaser. Debt service principal payments shall not be included in the calculation of Unit Cost. The Unit Cost shall not include capital costs related to the purchase/construction of new or expanded facilities to service non-RSA users. For purposes of determining Unit cost, expenditures (capital or otherwise) of less than \$15,000 per annum shall be expensed in the year in which they are incurred by the Seller. The net capital cost of any capital asset shall be depreciated annually in accordance with the attached *Schedule A*, and the annual depreciation expense shall be included in the calculation of Unit Cost as set forth above. Except for the raw water pump station constructed in 1996/97, no depreciation shall be charged for capital assets acquired prior to October 1, 1998.
5. In the event that the daily withdrawal amount exceeds 500,000 gallons on any given day, the per unit cost of such overage shall be at 1.25 times the unit cost calculated in section (C)4, above.

---

<sup>1</sup> Unit Cost shall be defined by the quotient of a fraction, the numerator of which shall be the expense of production, and the denominator shall be the total plant production of potable water.

<sup>2</sup> The Seller's administrative costs allocated to water production shall be eighteen percent (18%) of the Seller's direct operational and maintenance expenses.

<sup>3</sup> Net capital cost of assets shall be defined as only the purchase price of capital equipment or other capital assets, less contributions in aid of construction or acquisition. Net capital cost of assets shall include shipping, installation and other normal capitalized GAAP expenses associated with capital equipment or capital assets.

6. The Seller shall provide to Purchaser, by September 1 of each year, its calculation of the adjusted rate for the upcoming rate year as calculated above, as well as any records or worksheets, including depreciation schedules and schedules of contributed capital, requested by Purchaser which were used by Seller to determine Unit Cost, and Purchaser shall, within thirty (30) days thereof, notify the Seller of any requested modification of the Unit Cost or protest thereto., If within twenty-one (21) days of that date, the parties have not been able to agree on a rate, the parties shall submit the dispute to arbitration, with each side choosing one arbiter and those two choosing the third. Each side shall be permitted to submit written documentation of its position and, if requested by the arbiters, oral argument, with the arbiters rendering a written decision, retroactive to October 1 of the year in question, within thirty (30) days of such written and, if applicable, oral submissions. The cost of arbitration shall be shared equally between the Purchaser and Seller.
7. (Notices) Notices pursuant to this Agreement may be given by postage-prepaid first-class mail or hand-delivered to the following contacts.

For the Seller

Town Manager  
Town of Orange, Virginia  
119 Belleview Avenue  
Orange, VA 22960

For the Purchaser

General Manager  
Rapidan Service Authority  
P.O. Box 736  
Locust Grove, VA 22508

8. (Complete Agreement) This contract abrogates all prior agreements between the parties and represents the entire agreement between the parties. This agreement shall be modified only by written agreement executed by both parties. This agreement shall be construed under the laws of the Commonwealth of Virginia. The Orange County, Virginia Circuit Court shall have sole and exclusive jurisdiction over any dispute arising out of this Agreement.

Witness the following signatures and seals.

TOWN OF ORANGE

By: \_\_\_\_\_ (SEAL)  
Mayor

Attest:

\_\_\_\_\_  
Wendy J. Chewning, CMC, Town Clerk

RAPIDAN SERVICE AUTHORITY

By: \_\_\_\_\_ (SEAL)  
Timothy Clemons, General Manager

Attest:

\_\_\_\_\_  
Herman M Gaskins III, Director of Administration

STATE OF VIRGINIA

City/County of \_\_\_\_\_, to-wit:

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2023 by Martha B. Roby, Mayor of the Town of Orange.

\_\_\_\_\_  
Notary Public

My Commission Expires:

STATE OF VIRGINIA

City/County of \_\_\_\_\_, to-wit:

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2023 by \_\_\_\_\_, General Manager of the Rapidan Service Authority.

\_\_\_\_\_  
Notary Public

My Commission Expires:

ROUTE 20 ADDENDUM  
TO  
WATER PURCHASE CONTRACT

WHEREAS The Town of Orange Virginia (“the Town”), and the Rapidan Service Authority (“RSA”) (collectively, the “Parties”) have entered into a Water Purchase Contract, effective \_\_\_\_ , 2023, and

WHEREAS the Parties have now agreed that RSA may purchase water from the Town for resale to its customers in the RSA Route 20 water system (PWSID 6137120), and

WHEREAS the Parties have also agreed that said purchase requires certain additional conditions,

NOW THEREFORE, the Town and RSA agree as follows:

1. Regulatory Requirements: RSA shall be responsible for acquiring any permits from the Virginia Department of Health Office of Drinking Water or other bodies, and to satisfy all regulatory requirements associated with converting RSA Route 20’s consecutive connection with the Town of Orange (PWSID 6137500) from an “Emergency” source to a “Permanent” source (the “Project”),
2. Planning, Design and Engineering: RSA shall be responsible for management and funding for all planning, engineering and design of infrastructure necessary to enable metered conveyance of water from the Town to the RSA Route 20 water system for the Project, including but not limited to:
  - a. A new flow metering vault within 500 feet of the existing vault; and
  - b. A new electromagnetic flow meter, valves and other related components such as electric service and data communication equipment; and
  - c. Equipment and programming necessary to (1) transmit pressure data to the Town’s SCADA system at a frequency of no less than once per minute, (2) transmit flow metering data to the Town’s SCADA system at a frequency of no less than once per hour (3) allow the Town’s water treatment personnel to control an electric-actuated valve remotely via the Town’s SCADA system; and
  - d. Provision of real-time Porter Road tank level data to the Town via an online portal or integration with the Town’s existing SCADA system; and
  - e. A sampling/station and/or fire hydrant west of the new meter vault referenced in subparagraph (a), above.

The Parties shall collaborate to ensure the interoperability of the two systems (1) in the pre-design phase, and at the (2) thirty percent (30%), (3) sixty percent (60%), and (4) ninety percent (90%) design milestones and (5) prior to public release of Bid Documents. Both parties must approve Bid Documents prior to the publication, said approval shall not be unreasonably withheld.

3. Procurement: RSA shall be responsible for management of the procurement process, in compliance with the Virginia Public Procurement Act.

Construction: RSA shall be responsible for management and funding for the construction and commissioning of all components of the Project, including but not limited to the components listed in paragraph (3), above.

Construction of the Project shall not be deemed substantially complete without approval by the Town, said approval shall not be unreasonably withheld.

4. Interconnection of Town Water System: Existing groundwater wells serving the RSA Route 20 waterworks (Well #1 on Porter Road and Well #2 on May Lane) shall be abandoned upon the completion of construction and testing of equipment. A full system flush to minimize the intermixing of Town water and existing well water in the system must be completed to finalize the connection.
5. Invoice to the Town: Upon completion of the project, RSA shall provide a detailed invoice, including itemized costs and other supporting documentation, to the Town for the cost of any equipment, programming and installation associated with the water plant SCADA system beyond that proportionate to RSA's use. Said invoice shall also include design, bid document preparation, installation, and materials costs related to the sampling station and/or fire hydrant installation, if such are included in the Project as built and approved by the Town. The Town shall have no obligation to cover other expenses related to the flow metering vault design or construction. The Town will pay this invoice within 45 days of receipt.
6. Ownership of Project Infrastructure: Upon completion of construction, commissioning, and testing of equipment by RSA or its agent, and payment of said Invoice, the Town shall assume all rights and responsibilities of ownership for all infrastructure within the new flow metering vault and on points west of said vault, as well as that infrastructure located at the Porter Road tank installed for integration to the Town's SCADA system, including coverage of utility expenses and maintenance of the components or other controls or equipment therein.
7. All other applicable "Water Purchase Contract" provisions apply.

Agreed, this \_\_\_\_ day of \_\_\_\_\_, 2023.

Witness the following signatures and seals.

TOWN OF ORANGE

By: \_\_\_\_\_ (SEAL)  
Mayor

Attest:

\_\_\_\_\_  
Wendy J. Chewning, CMC, Town Clerk



RAPIDAN SERVICE AUTHORITY

By: \_\_\_\_\_(SEAL)  
Chairman

Attest:

\_\_\_\_\_  
Timothy Clemons, General Manager



**FOR IMMEDIATE RELEASE**

June 9, 2023

**CONTACT: Aaron Proctor**

(804) 356-4309

[Aaron.Proctor@deq.virginia.gov](mailto:Aaron.Proctor@deq.virginia.gov)

## **DROUGHT WATCH ADVISORY DECLARATION**

*Drought watch advisory declared for 17 counties in Virginia*

**Richmond, Va.** -- In response to existing conditions and to increase public awareness of the potential for a significant drought, the Virginia Department of Environmental Quality (DEQ) has issued a drought watch advisory for two of the Drought Evaluation Regions within the Commonwealth. This advisory expands the existing drought watch advisory which includes the Eastern Shore Drought Evaluation Region.

Affected Drought Evaluation Regions and localities include:

- Eastern Shore: Accomack and Northampton counties. (Existing Drought Watch Continued)
- Northern Piedmont: Greene, Madison, Rappahannock, Orange, Culpeper, Louisa, Spotsylvania, and Stafford Counties.
- Shenandoah: Augusta, Rockingham, Shenandoah, Frederick, Page, Warren, and Clarke Counties.

A drought watch advisory is intended to increase awareness of conditions and facilitate preparation for a drought when indicators in the [Drought Assessment and Response Plan](#) have been met. The interagency [Virginia Drought Monitoring Task Force](#) considered the following in establishing a drought watch advisory:

- Much of the Commonwealth is below normal historic rainfall amounts for the past 14-day period, with lowest amounts noted within the Shenandoah Valley. Precipitation maps for the past 60 to 120-day period have shown continued dryness on the Eastern Shore, and in central and northern Virginia.
- Stream flows in the affected areas are below the 25<sup>th</sup> percentile of historical normal values. Limited precipitation is forecasted for the near future in these regions, and dry conditions are expected to continue.
- Groundwater levels for monitoring wells have shown continued declines in some regions. Levels are currently below the 5<sup>th</sup> percentile for some sites in the Eastern Shore, York-James, Shenandoah, Roanoke, and Northern Virginia drought evaluation regions. Additional wells below the 25<sup>th</sup> percentile persist in the Middle James and Northern Piedmont regions.
- Soil moisture below historic values persist within the Shenandoah and Northern Piedmont evaluation regions.

With this advisory, DEQ is working with local governments, public water works, and water users in the affected areas, and is requesting that they prepare for a drought by developing or reviewing existing water conservation and drought response plans. Virginians are requested to help protect current water supplies by minimizing water use, monitor drought conditions, and detect and repair leaks.

If conditions persist and a drought is imminent, a drought warning will be issued. Water conservation and contingency plans that are already in place or have been prepared during a drought watch stage would then be implemented.

See the current drought status on the [DEQ website](#).

**RAPIDAN SERVICE AUTHORITY**

**May-2023**

<b>Operating Income</b>	<b>PTD Act</b>	<b>PTD Bud</b>	<b>Variance</b>	<b>YTD Act</b>	<b>YTD Bud</b>	<b>Variance</b>
Water & Sewer Revenue - Greene Co.	248,447	238,656	9,791	1,147,764	1,193,280	(45,517)
Water & Sewer Revenue - Madison Co.	50,404	46,534	3,870	229,736	232,670	(2,935)
Water & Sewer Revenue - Orange Co.	531,192	552,905	(21,712)	2,637,225	2,764,523	(127,298)
Discounts Not Taken	10,388	11,006	(618)	51,192	55,031	(3,838)
Sale of Materials & Supplies	4,114	3,250	864	24,676	16,250	8,426
Engr & Maint Revenue	180	1,333	(1,153)	10,860	6,667	4,193
Inspection/Permit Fees	-	3,350	(3,350)	16,431	16,750	(319)
Service Fees	23,245	11,392	11,853	90,948	56,958	33,989
Septage Hauling Revenue	-	333	(333)	-	1,667	(1,667)
Service Installations Revenue	9,350	15,500	(6,150)	61,250	77,500	(16,250)
Rental/Lease	63,738	21,467	42,271	91,380	107,333	(15,953)
<b>Total Operating Income</b>	<b>941,058</b>	<b>905,726</b>	<b>35,332</b>	<b>4,361,462</b>	<b>4,528,629</b>	<b>(167,167)</b>
<b>Operating Expenses</b>	<b>PTD Act</b>	<b>PTD Bud</b>	<b>Variance</b>	<b>YTD Act</b>	<b>YTD Bud</b>	<b>Variance</b>
Purchased Water	32,683	37,399	4,716	163,868	186,996	23,128
Operating Labor	135,366	181,589	46,223	747,590	907,945	160,355
New Service Installations	7,898	18,267	10,368	55,298	91,333	36,035
Locations-Miss Utility	8,079	7,100	(979)	38,625	35,500	(3,125)
Engineering & Maintenance	195,397	235,511	40,115	748,447	1,177,556	429,109
Water Treatment Supp.	47,854	75,300	27,446	305,248	376,500	71,252
Utilities	98,253	82,083	(16,170)	490,496	410,417	(80,079)
Vehicle Expense	11,614	15,383	3,770	59,730	76,917	17,187
Testing	7,319	10,917	3,598	49,609	54,583	4,974
Biosolids Waste Mgmt	7,275	12,167	4,892	34,442	60,833	26,391
<b>Total Operating Expenses</b>	<b>551,738</b>	<b>675,716</b>	<b>123,978</b>	<b>2,693,354</b>	<b>3,378,580</b>	<b>685,226</b>
<b>Gross Margin</b>	<b>389,320</b>	<b>230,010</b>	<b>159,310</b>	<b>1,668,108</b>	<b>1,150,049</b>	<b>518,059</b>
<b>General &amp; Admin Expenses</b>	<b>PTD Act</b>	<b>PTD Bud</b>	<b>Variance</b>	<b>YTD Act</b>	<b>YTD Bud</b>	<b>Variance</b>
Billing & Collection Exp	7,758	11,546	3,788	50,908	57,729	6,821
G & A Labor	56,660	68,000	11,340	324,765	340,000	15,235
Comp. Board of Members	704	750	46	3,519	3,750	231
Insurance Premiums	500	13,117	12,617	73,376	65,583	(7,793)
Bank & Credit Card Fees	480	842	362	2,868	4,208	1,340
Offices Expenses	12,438	13,025	587	65,286	65,125	(161)
Legal/Bond Fees	6,798	18,300	11,502	62,296	91,500	29,204
Water Regulatory Fees	3,075	4,800	1,725	16,446	24,000	7,554
Audit & Other Consulting	-	9,917	9,917	1,766	49,583	47,817
<b>Total General &amp; Admin Expenses</b>	<b>88,413</b>	<b>140,296</b>	<b>51,883</b>	<b>601,230</b>	<b>701,479</b>	<b>100,249</b>
<b>Net Operating Income</b>	<b>300,907</b>	<b>89,714</b>	<b>211,193</b>	<b>1,066,877</b>	<b>448,569</b>	<b>618,308</b>
<b>Non-Operating Income</b>	<b>PTD Act</b>	<b>PTD Bud</b>	<b>Variance</b>	<b>YTD Act</b>	<b>YTD Bud</b>	<b>Variance</b>
Avail. - Water & Sewer - Greene Co.	40,000	-	40,000	100,000	-	100,000
Avail. - Water & Sewer - Madison Co.	-	-	-	10,000	-	10,000
Avail. - Water & Sewer - Orange Co.	230,000	-	230,000	1,040,000	-	1,040,000
Interest Earned	11,095	10,000	1,095	172,095	50,000	122,095
<b>Total Non-Operating Income</b>	<b>281,095</b>	<b>10,000</b>	<b>271,095</b>	<b>1,322,095</b>	<b>50,000</b>	<b>1,272,095</b>
<b>Net Income Before Debt Service</b>	<b>582,003</b>	<b>99,714</b>	<b>482,289</b>	<b>2,388,972</b>	<b>498,569</b>	<b>1,890,403</b>
<b>Debt Service</b>	<b>PTD Act</b>	<b>PTD Bud</b>	<b>Variance</b>	<b>YTD Act</b>	<b>YTD Bud</b>	<b>Variance</b>
Debt Service	-	72,209	72,209	54,779	361,047	306,268
<b>Net Income</b>	<b>582,003</b>	<b>27,505</b>	<b>554,498</b>	<b>2,334,194</b>	<b>137,523</b>	<b>2,196,671</b>