



City of Manassas, Virginia
Utility Commission Meeting

AGENDA

Utility Commission Meeting
Public Works Facility
8500 Public Works Drive
Manassas, VA 20110
Thursday, March 12, 2026

- I. Call Meeting to Order - 5:30 pm
- II. Determination of Quorum
- III. Approval of Remote Electronic Participation by a Commission Member
- IV. Chairperson's Report
- V. Approval of Minutes
 - Va. **Approval Of Minutes**
[Feb 12,2026_ Regular Meeting SDF.pdf](#)
[February 24, 2026 - Special Meeting V2.pdf](#)
- VI. Staff Reports
 - Vla **Utility Customer Service and Financial Reports**
[CS Feb 2026 usage_ Mar 2026 reporting month.pdf](#)
 - Vlb **Director of Electric Update and Electric Operations Report**
[Elec Feb 2026 usage_ Mar 2026 reporting month.pdf](#)

[WS Jan 2026 usage_Mar 2026 reporting month.pdf](#)

VII. **New Business**

VIII. **Old Business**

IX. **Adjournment of Meeting**

Manassas Public Works
Facility
8500 Public Works Drive, Manassas, VA 20110

Members Present

Robert Angelotti
Robert Fox
Charles Lemmon
Richard Meyer
Tom Osina
Steve Silberstein (Zoom)
Andrew Smith
Courtney Tolson

Members Absent

None

Guest

Ashley Hutson

Staff Present

Tarek Aly
Ana Davis
Shenitra Farley
Jonathan Keen
Lisandra Rodrigues
Jeff Small

I. Call Meeting to Order – 5:30 pm

Vice -Chair Tolson called the meeting to order.

II. Determination of Quorum

Quorum was met.

III. Approval of Remote Electronic Participation by a Commission Member

Chairperson Silberstein requested electronic participation, via Zoom, due to being out of town with a family emergency.

Motion: *Smith* **Second:** *Lemmon*

Vote: **Results (Unanimous 7-0)**

Ayes: *Angelotti, Meyer, Fox,*
 Tolson

Nays: *None*

IV. Chairperson's Report

Chairperson Silberstein provided his perspective on updates of communication with the public. Chairperson Silberstein suggested more recommendations are needed for communication.

Commissioner Meyer shared details about a meeting he, Mr. Smith, and Ms. Davis attended with Lisa Sievel-Otten from the Public Affairs Department. There is outage map available that provides residents links to view during power outages on the Manassas website.

Chairperson Silberstein reviewed the revenue expense report and suggested that more information is needed in the report to allow the Utility Commission to make proper decisions about the operation FY27 budget.

V. Approval of Minutes

Minutes for January 8, 2026 approved as submitted.

Motion: *Lemmon* **Second:** *Meyer*

Vote: ***Results (Unanimous 7-0)***

Ayes: *Angelotti, Fox, Smith*
 Silberstein, Tolson

Nays: *None*

VI. Staff Reports

A. Utility Customer Service and Financial Reports

Ms. Davis presented the monthly Customer Service and financial reports to the Commission. She identified a discrepancy within the Water & Sewer accounts, explaining that it was related to Prince William Water not taking water until the end of January. Ms. Davis welcomed the Commissioners' review of the information and invited any follow-up questions or discussion.

Commission members led a discussion regarding the water contract with Prince William Water, specifically questioning the contractual provision that allows the County to cease taking water without prior notice. Concern was expressed about the financial implications of this arrangement, particularly the potential for unanticipated revenue shortfalls. Commission further inquired whether any resulting revenue losses could be recovered under the terms of the agreement or through other available remedies.

Commissioner Smith inquired as to why the write-off amounts had doubled and whether there are mechanisms in place to recover those losses. Ms. Davis explained that a portion of the write-offs is attributable to customer bankruptcies. She further stated that recovery efforts include participation in the state income tax setoff program. Additionally, when a former customer returns to establish new utility service, a system review is conducted to identify any outstanding balances, and payment is required prior to the creation of a new account.

B. Electric Update and Electric Operations Report

Mr. Aly presented the Electric's outage report and the outage cause(s) breakdowns for January 2026. January's outages were minimal and caused little customer interruption with the municipality. Dominion and PJM issued a Pre-Emergency Load Management Reduction Action on January 25th.

The January peak was close to the recent trend of increased peak demands. On the project side, ongoing efforts with AWS to finalize the Electric Service Agreement (ESA). The Electric department continues to coordinate with both AWS and Dominion Energy to maintain the project timeline. AWS

has requested revisions to the letter agreement

Mr. Aly is collaborating with Dominion to submit a document that will address AWS's concerns.

The yearly results for the reliability target calendar stated the numbers looked very positive based on targets provided, about two (2) SAIDI minutes year-to-date. Five generators were down, reducing generation credit.

Chairperson Silberstein requested that the Monthly Outage report includes a column detailing the impact, specifically the revenue loss associated with each outage.

C. Water & Sewer Operations Report

Jeff Small, Director of Water & Sewer, introduced the current data from the MOR report for Water & Sewer. Mr. Small states that the CIP Projects are currently on target. Mr. Small asked if there were any comments on the new MOR format and supporting pages, noting that it is a draft that is evolving as data comes available. Mr. Small stated that the reuse legislation sponsored by Fairfax Water is on hold until next year.

The commission requests Mr. Small to provide a legend to help understand the switch to using the AWWA water audit software for nonrevenue water tracking.

The Action Items for Water & Sewer:

Memo on MIB/geo and the Water Capacity and Service Agreement with PWCSA(PWW) and legend for the AWWA water audit printout.

VII. New Business

A. FY27 Budget Report

Jonathan Keen presented the budget overview, which included preliminary findings from the NewGen Strategies & Solutions rate study. The study recommends a 10.5% increase for Electric services. For Water, staff recommended a 9.5% adjustment; however, NewGen's analysis proposed a significantly higher increase of 49% based on cost-of-service considerations. A 3% increase for Sewer was also identified to keep pace with inflationary pressures. The proposed rate adjustments are driven by rising equipment and operational costs, as well as the impact of insufficient rate increases in prior years.

The Commission requested a Special Meeting before the City's Council meeting on February 27, 2026 to review the data from the NEWGEN in depth.

Ms. Davis agreed to set up a meeting.

VIII. Old Business

None

IX. Adjournment

Motion: *Meyer* **Second:** *Smith*

Vote: ***Results (Unanimous 7-0)***

Ayes: *Angelotti, Fox,
Lemmon, Silberstein,
Tolson*

Nays: *None*

The meeting was adjourned at 7:45 pm.

Courtney Tolson – Vice-Chair

Shenitra Farley, Utility Commission Clerk

Date Approved

Members Present

Robert Angelotti
Robert Fox
Charles Lemmon
Richard Meyer
Steve Silberstein (Zoom)
Andrew Smith
Courtney Tolson

Members Absent

Tom Osina

Guest
Jeffrey McWhirt

Staff Present

Tarek Aly
Ana Davis
Johnathan Keen
Michael Nicholson
Jeff Small

I. Call Meeting to Order – 5:30 pm

Vice-Chair Tolson called the meeting to order.

II. Determination of Quorum

Quorum has been met.

III. Approval of Remote Electronic Participation by a Commission Member

Commissioner Silberstein requested electronic participation, via Zoom, due to being out of town for a family emergency.

Motion: *Lemmon* **Second:** *Fox*

Vote: *Results (Unanimous 6-0)*

Ayes: *Angelotti, Meyer, Smith, Tolson*

Nays: *None*

IV. New Business

a. Discussion of FY27 Utility Rate Increases

A lengthy discussion was held regarding electric, water and sewer potential rate increases effective July 1, 2026. Staff proposes increases in each fund as follows: Electric – 10.47%; Water – 25.01%; Sewer – 3.05%

An example of a new residential monthly invoice would be as follows:

	Monthly Usage	Curr Bill	FY 2027 Bill	FY 2027 Bill Increase (\$)	FY 2027 Bill Increase (%)
Electric Bill	1,000	\$114.57	\$126.57	\$12.00	10.47%
Water Bill	5,000	\$30.87	\$38.59	\$7.72	25.01%
Sewer Bill	5,000	\$26.52	\$27.33	\$0.81	3.05%
Total Increase		\$171.96	\$192.49	\$20.53	11.94%

V. Old Business

VI. Adjournment

Motion: *Angelotti* **Second:** *Smith*
Vote: *Results (Unanimous, 7-0)*
Ayes: *Fox, Lemmon, Meyer, Silberstein, Tolson*
Nays: *None*

The meeting was adjourned at 7:52 pm.

Courtney Tolson – Vice-Chair

Shenitra Farley, Utility Commission Clerk

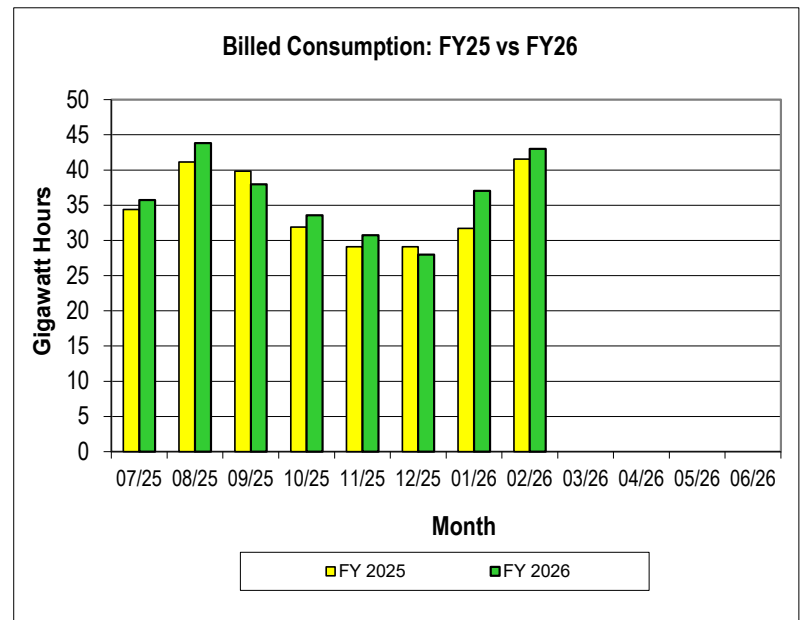
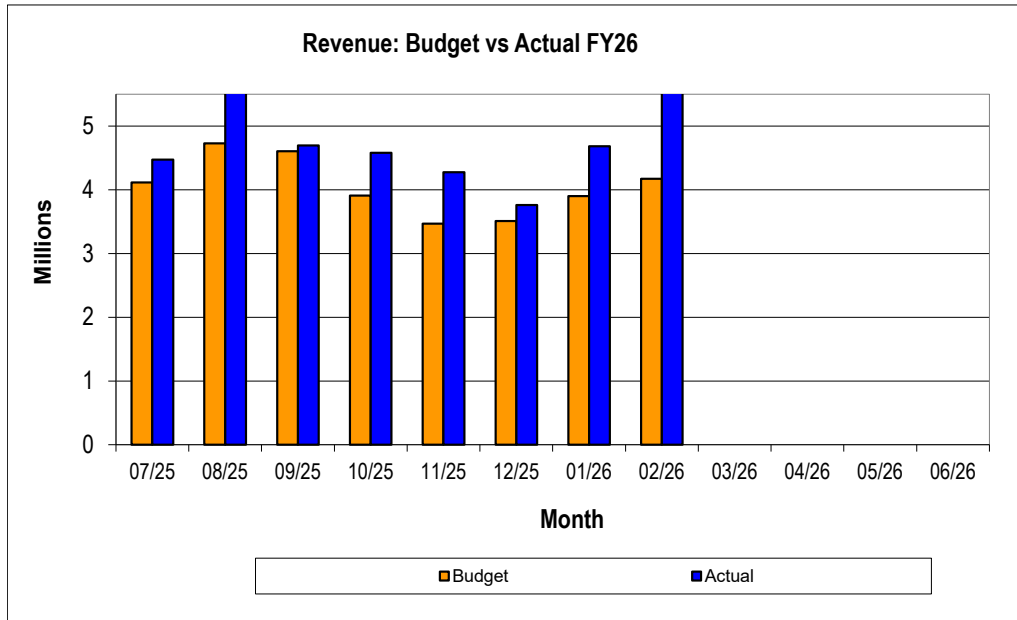
Date Approved

UTILITY CUSTOMER SERVICE REPORT					
FOR THE MONTH OF FEBRUARY 2026					
REVENUES BILLED				LAST MONTH	THIS MONTH
NUMBER OF ACCOUNTS BILLED				17,241	17,269
ELECTRIC			Energy	\$2,184,079.66	
			Demand	\$792,887.58	
			PCA	\$567,419.81	
			FCA	\$0.00	
			Security lgts	\$21,504.57	
			Ld mgmt	\$0.00	
			Sub Total	\$3,565,891.62	
*** LOMAR		JANUARY		\$271,554.03	
*** MICRON		JANUARY		\$11,108.33	
***BRICK PLANT		JANUARY		\$191,482.58	
TOTAL ELECTRIC					\$4,040,036.56
WATER					\$1,099,544.57
SEWER					\$876,912.70
UOSA COMPONENT					\$753,039.90
Pond overhead, maintenance and indirect					\$27,754.17
REFUSE					\$349,391.31
STORMWATER					\$236,102.77
RETURNED DEPOSITS					(\$14,900.00)
SUBTOTAL					\$7,367,881.98
PENALTIES				LAST MONTH	\$42,087.41
TOTAL REVENUE BILLED				\$7,501,942.40	\$7,409,969.39
REVENUES COLLECTED FOR FEBRUARY BILLINGS AND PRIOR					
OVER THE COUNTER		10.55%			\$835,779.04
WIRE PAYMENTS		10.93%			\$865,660.21
MAIL		11.04%			\$874,321.09
A/R BOX		24.25%			\$1,920,184.84
E-CHECKS (INVOICE CLOUD)		34.37%			\$2,721,990.15
PAYPAL/VENMO		0.23%			\$18,045.79
CREDIT CARDS (INVOICE CLOUD)		8.63%		LAST MONTH	\$683,657.77
TOTAL REVENUE COLLECTED				\$5,719,681.50	\$7,919,638.89
OVER/SHORT					\$0.00
OPERATION ROUND UP				\$202.60	\$204.35
MONTHLY NON PAY CUTS	DH	254			
	CUT	0			
	HOLDS	36			
TOTAL COLLECTION RATIO:				76.24%	106.88%
UTILITY ACCOUNTS RECEIVABLES					
AGING	10/31/25	11/26/25	12/31/25	01/30/26	02/27/26
CURRENT DUE (ACTIVE ACCTS)	\$3,748,321.33	\$4,374,297.21	\$2,851,302.69	\$4,550,968.80	\$4,844,818.51
30 DAYS (ACTIVE ON CUT LIST)	\$352,709.97	\$585,627.22	\$367,611.01	\$387,059.13	\$476,908.57
60 DAYS (DISCONNECTED ACCOUNTS)	\$31,688.42	\$54,693.83	\$63,181.30	\$56,458.45	\$79,488.93
90 DAYS (DISCONNECTED WAITING FOR WRITE-OFF)	\$16,335.58	\$21,411.61	\$16,675.72	\$17,756.48	\$19,621.53
OVER 90 DAYS	\$18,542.02	\$22,675.30	\$15,199.86	\$7,395.81	\$12,344.22
TOTAL DUE	\$4,167,597.32	\$5,058,705.17	\$3,313,970.58	\$5,019,638.67	\$5,433,181.76
* WRITE OFFS	\$8,489.75	\$7,383.58	\$40,377.64	\$18,494.89	\$6,552.24
COLLECTED FROM STATE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COLLECTED IN HOUSE	(\$589.25)	(\$569.70)	(\$441.79)	(\$319.34)	(\$1,138.40)
NET	\$7,900.50	\$6,813.88	\$39,935.85	\$18,175.55	\$5,413.84
* written off accounts are bad debts removed from the accounts receivable control register but not from the system.					

Electric Fund Budget vs Actual FY26

Revenue & Expenditures						
Bill Mo	FY 26 Budget Revenue	FY 26 Actual Revenue	FY 26 Actual Expenditures	FY 26 Actual Capital Project Transfers	Actual Rev over Budgeted Rev	Purchase Power**
07/25	\$ 4,114,050	\$ 4,473,845	\$ 4,592,006	\$ 3,015,000	8.75%	3,823,095
08/25	4,728,030	5,805,362	4,507,874	-	22.79%	3,415,506
09/25	4,603,863	4,696,168	3,863,696	-	2.00%	2,758,495
10/25	3,909,081	4,579,843	3,854,497	-	17.16%	2,368,410
11/25	3,470,373	4,276,874	4,349,263	-	23.24%	2,617,231
12/25	3,510,826	3,761,331	4,888,213	-	7.14%	3,744,692
01/26	3,900,300	4,683,708	4,776,962	-	20.09%	3,430,973
02/26	4,172,298	5,701,845	1,202,900		36.66%	
03/26			-			
04/26			-			
05/26			-			
06/26			-			
	\$ 32,408,821	\$ 37,978,976	\$ 32,035,411	\$ 3,015,000	17.19%	\$ 22,158,402

Billed Consumption					
Bill Mo	FY 26 Budget Total kWh	FY 26 Actual Total kWh	FY 25 Actual Total kWh	Actual over Budgeted	FY26 over FY25
07/25	34,146,554	35,735,556	34,384,917	4.65%	3.93%
08/25	40,695,272	43,822,906	41,126,140	7.69%	6.56%
09/25	39,483,429	37,959,539	39,837,918	-3.86%	-4.72%
10/25	32,557,003	33,575,966	31,905,591	3.13%	5.24%
11/25	28,320,793	30,738,160	29,105,692	8.54%	5.61%
12/25	28,557,011	27,970,273	29,098,997	-2.05%	-3.88%
01/26	32,210,482	37,040,135	31,699,058	14.99%	16.85%
02/26	35,945,492	42,993,595	41,542,381	19.61%	3.49%
03/26					
04/26					
05/26					
06/26					
	271,916,036	289,836,130	278,700,694	6.59%	4.00%



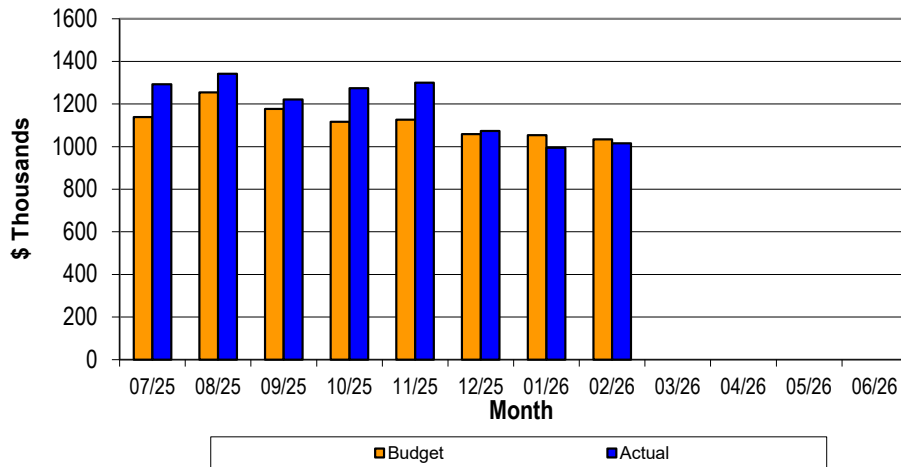
Water Fund Budget vs Actual FY26

Revenue & Expenditures					
Bill Mo	FY 26 Budget Revenue	FY 26 Actual Revenue	FY 26 Actual Expenditures	FY 26 Actual Capital Project Transfers	Actual Rev over Budgeted Rev
07/25	\$ 1,139,086	\$ 1,292,675	\$ 2,046,864*	\$ 4,865,000	13.48%
08/25	1,254,554	1,341,731	1,017,101	-	6.95%
09/25	1,176,509	1,220,938	723,034	-	3.78%
10/25	1,117,060	1,273,910	1,019,525	-	14.04%
11/25	1,126,792	1,299,671	814,620	-	15.34%
12/25	1,058,988	1,074,045	2,059,009	-	1.42%
01/26	1,053,284	994,429	808,155	-	-5.59%
02/26	1,033,942	1,015,185	770,854	-	-1.81%
03/26			-	-	
04/26			-	-	
05/26			-	-	
06/26			-	-	
	\$ 8,960,215	\$ 9,512,584	\$ 9,259,162	\$ 4,865,000	6.16%

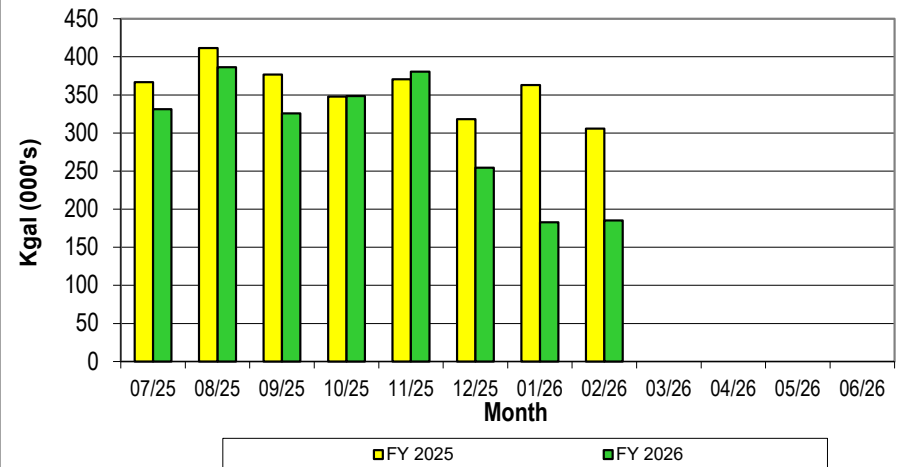
*Includes \$1,416,189.25 to Debt Service which were budgeted

Billed Consumption						
Bill Mo	FY 26 Budget Total Kgal	FY 26 Actual Total Kgal	FY 25 Actual Total Kgal	FY26 over FY25	Retail FY26 over FY25	Wholesale FY26 over FY25
07/25	360,525	331,336	366,752	-9.66%	-12.68%	-5.70%
08/25	410,491	386,295	411,483	-6.12%	-9.36%	-2.21%
09/25	377,088	325,615	376,902	-13.61%	0.46%	-31.06%
10/25	353,259	348,470	347,886	0.17%	3.17%	-3.21%
11/25	369,919	380,553	370,520	2.71%	-1.10%	6.46%
12/25	333,113	254,445	318,188	-20.03%	-6.77%	-36.09%
01/26	332,186	182,937	363,010	-49.61%	-0.18%	-91.69%
02/26	328,856	185,327	305,829	-39.40%	0.67%	-86.03%
03/26						
04/26						
05/26						
06/26						
	2,865,437	2,394,978	2,860,570	-16.28%	-3.54%	-30.63%

Revenue: Budget vs Actual FY26



Billed Consumption: FY25 vs FY26

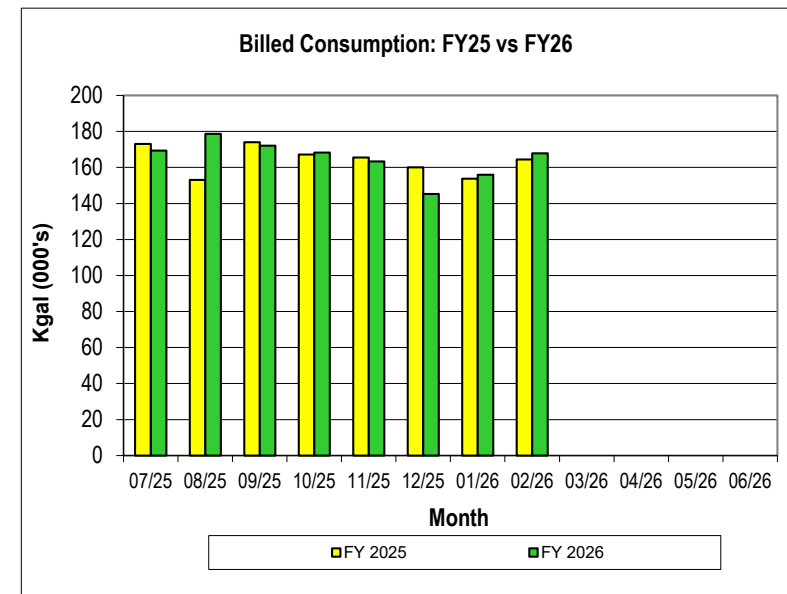
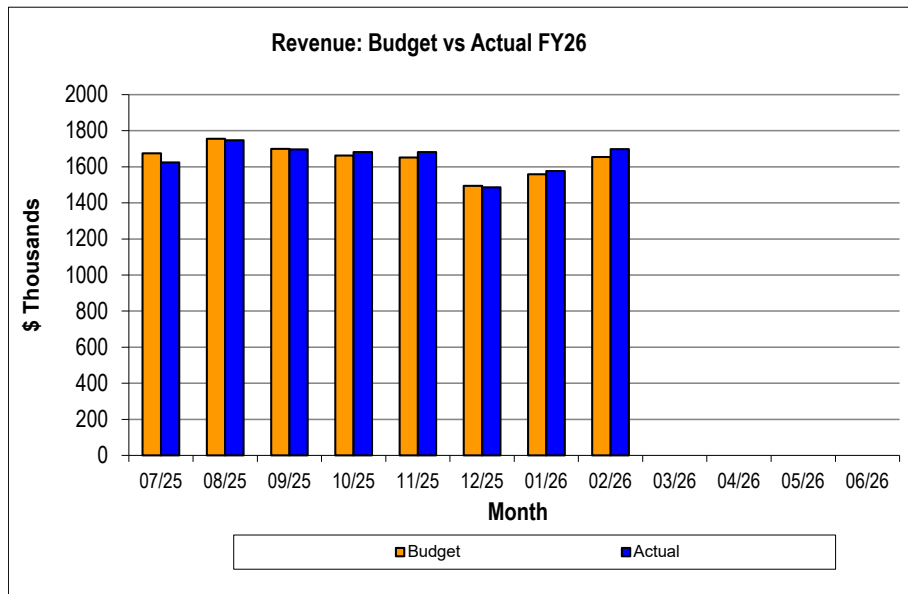


Sewer Fund Budget vs Actual FY26

Revenue & Expenditures						
Bill Mo	FY 26 Budget Revenue	FY 26 Actual Revenue	FY 26 Actual Expenditures	FY 26 Actual Capital Project Transfers	Actual Rev over Budgeted Rev	UOSA Treatment
07/25	\$ 1,674,803	\$ 1,624,710	\$ 5,180,296*	\$ 3,615,000	-2.99%	\$ 3,220,598
08/25	1,754,988	1,747,007	257,075	-	-0.45%	
09/25	1,699,308	1,696,345	3,616,016	-	-0.17%	2,571,980
10/25	1,662,736	1,681,394	317,271	-	1.12%	
11/25	1,651,198	1,681,357	264,005	-	1.83%	
12/25	1,494,678	1,486,836	4,032,868	-	-0.52%	3,408,786
01/26	1,557,983	1,575,722	307,715	-	1.14%	
02/26	1,654,311	1,697,943	268,901	-	2.64%	
03/26			-	-		
04/26			-	-		
05/26			-	-		
06/26			-	-		
	\$ 13,150,005	\$ 13,191,314	\$ 14,244,147	\$ 3,615,000	0.31%	\$ 9,201,364

*Includes \$1,603,975 to Debt Service which were budgeted

Billed Consumption					
Bill Mo	FY 26 Budget Total Kgal	FY 26 Actual Total Kgal	FY 25 Actual Total Kgal	Actual Over Budgeted	FY 26 over FY 25
07/25	172,178	169,338	173,093	-1.65%	-2.17%
08/25	182,675	178,727	153,053	-2.16%	16.77%
09/25	171,477	172,063	174,072	0.34%	-1.15%
10/25	166,573	168,235	167,236	1.00%	0.60%
11/25	163,664	163,382	165,467	-0.17%	-1.26%
12/25	165,741	145,293	160,062	-12.34%	-9.23%
01/26	160,760	155,953	153,771	-2.99%	1.42%
02/26	163,103	167,877	164,453	2.93%	2.08%
03/26					
04/26					
05/26					
06/26					
	1,346,171	1,320,868	1,311,207	-1.88%	0.74%



ACTION ITEMS

CUSTOMER SERVICE DEPARTMENT

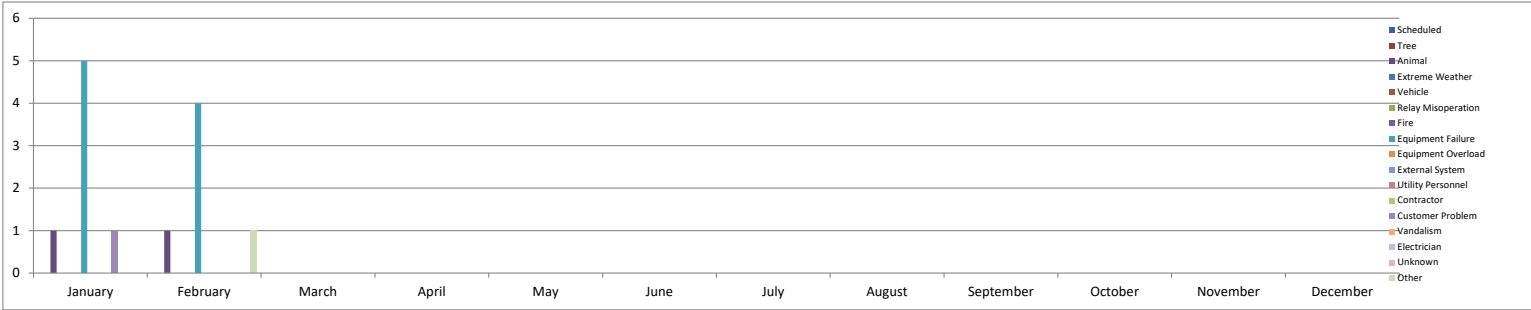
- No action items to report this month

Electric System Outage Report - February 2013

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Outage Breakdown Codes 2026

Weather	Cause	January	February	March	April	May	June	July	August	September	October	November	December
Clear	Scheduled												
Cloudy	Tree												
Storm	Animal	1	1										
Rain	Extreme Weather												
Snow	Vehicle												
Hail	Relay Misoperation												
Ice	Fire												
Wind	Equipment Failure	5	4										
Lightning	Equipment Overload												
Unknown	External System												
	Utility Personnel												
	Contractor												
	Customer Problem	1											
	Vandalism												
	Electrician												
	Unknown												
	Other		1										



Electric System Operating Report – February 2026

Reliability

Target (Calendar Year) 2026						
	SAIDI (Minutes)		ASAI (%)		CAIDI (Minutes)	
	2025	2026	2025	2026	2025	2026
January	0.204	0.038	100.00	99.999	85.692	108.50
February	2.407	24.242	99.994	99.939	154.142	64.709
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
YTD (2026)	24.280		99.97		86.605	
Target	< 52		99.99		<156	

System Average Interruption Duration Index (SAIDI):

Measures the average total sustained interruption duration for the average customer served over a defined period of time. (Sum of Customer Interruption Duration minutes / Total Number of Customers Served)

Average Service Availability Index (ASAI):

Represents the fraction of time (in percentage) that a customer service was available over a defined period of time.

Customer Average Interruption Duration Index (CAIDI):

Measures the average time required to restore service for impacted customers. (Sum of Customer Interruption Duration minutes/ Total Number of Customers Interrupted).

Electric System Operating Report – February 2026

System Data

	VMEA Bill	Actual cost per kWh (¢)
December 2025	\$ 3,744,691.98	7.94
January	\$ 3,430,972.88	7.56
February	\$	
March	\$	
April	\$	
May	\$	
June	\$	
July	\$	
August	\$	
September	\$	
October	\$	
November	\$	

Meter Data

DVP System Peak	25,097	MW (February 9th, 8 AM)
City Coincident Peak	80.9	MW (February 9th, 8 AM)
City System Peak	80.9	MW (February 9th, 8 AM)
VMEA	269.7	MW (February 9th, 8 AM)
System Transmission kWh	78,179	kWh
System Distribution kWh	3,655	kWh
CP/NCP Ratio	96.05%	(January, verified)
CP/NCP Ratio (Calendar Year Avg.)	96.05%	(January, verified)

Temperatures at the Peak:	Manassas	12 °F
	Richmond	21 °F
	Norfolk	11 °F

Generation - PJM Base Residual Auction

No PJM Calls

Electric System Operating Report – February 2026

Generation – Transmission Peak Shaving (in MW)

Date	Peak Hour	Hours Ran	DVP Load (MW)	Manassas Load (MW)	VMEA Load (MW)	Manassas Generation (MW)	Notes
Feb 1 st	09:00	2	23,943	74.6	238.9	12.256	5 Gens Down
Feb 2 nd	No New Peak	1	23,751	67.89	253.42	12.015	5 Gens Down
Feb 8 th	08:00	1.5	24,181	75.7	225.2	7.949	6 Gens Down
Feb 9 th	08:00	1.5	25,097	80.9	269.7	11.571	5 Gens Down, \$48,000 (Potential Savings Unrealized)
Total		6 Hrs.					

ELECTRIC CAPITAL IMPROVEMENTS

Project	Description	Start Date	Est Completion Date	Current Project Status	Funds to Date	Project to Date Actual Cost	Encumbrance	Balance	Percentage of Funds Remaining
C3667/E030	UG Cable Replacement	FY 2014	Ongoing	POW Phase II - 95% complete. West & Church Sr Replacement UG	\$7,948,178.48	\$6,611,888.87	\$239,865.20	\$1,096,424.41	14%
C3686/E031	New Generation Alternatives	FY 2014	Ongoing	PW generator upgrade - On Hold	\$3,008,681.00	\$1,471,762.63	\$362,023.00	\$1,174,895.37	39%
C3693/E033	OH to UG	FY 2017	Ongoing	Main Street OH-UG conversion. Meeting held to start the project	\$5,625,000.00	\$3,147,900.79	\$80,000.00	\$2,397,099.21	43%
C3515/E035	Airport Distribution	FY 2020	June 2026	Investigate Airport - received draft from vendor, under review	\$2,893,000.00	\$14,995.92	\$0.00	\$2,878,004.08	99%
C3517/E037	Substation Capacity & Reliability	FY 2020	Ongoing	Battery Heights Substation - back to normal	\$2,665,000.00	\$1,633,567.98	\$0.00	\$1,031,432.02	39%
C3533/T084	Longstreet Dr	FY 2025	July 2027	Longstreet Dr - revisiting scope of project	\$1,500,000.00	\$129,463.51	\$1,242,400.45	\$128,136.04	9%
C3694/E032	New Fiber Optic Loop/Ring	FY 2017	TBD	Fiber Optic - Prince William to PWF Bunker - On Hold	\$505,000.00	\$241,315.03	\$0.00	\$263,684.97	52%
C3527/E042	Lockheed Substation Reloc/Upgrade	FY 2025	May 2026	Ordering long lead time material. Easement acquisition and Wetlands study underway. Coordinating the protection & control scope with Dominion and Lockheed Martin.	\$4,510,000.00	\$255,306.04	\$583,363.34	\$3,671,330.62	81%
C3528/E040	AWS/BCG Substation	FY 2022	July 2026	The three (3) substation transformers have been installed including all the accessories, ancillary devices, and transformer oil. The oil containment system for the three (3) substation transformers have been completed. Dominion Energy changed the substation high-side energization date to July 31, 2026.	\$1,943,495.00	\$1,902,379.38	\$41,115.62	\$0.00	0%

ACTION ITEMS
ELECTRIC DEPARTMENT

- Underground cable replacement – transformer delivery date(s)
 - No concrete delivery date(s) yet. Item will remain on Action Item list
- Follow-up on AWS data center duct bank

WATER & SEWER OPERATIONS REPORT

Reporting Month: March 2026

Usage: January 2026

	Goal	Actual
RESERVOIR		
Monthly		
Reservoir level/Feet above sea level	Top of Concrete	285'
	Top of Rubber	290'
	January Average	284.51'
Rain Gauge	January Inches of Rain	0.00'

WATER PLANT		
Monthly		
Water Production (Thousand Gallons)	Minimum	8,006.00
	Maximum	13,056.00
	Average	8,680.19
	Total Finished	269,086.00
	Purchased Water	-
	Total	269,086.00
Water Distribution (Thousand Gallons)	Retail	165,576.00
	Whole	19,751.00
	Total	185,327.00

WATER QUALITY	Regulatory Limit	Q1 2025	Q2 2025	Q3 2025	Q4 2025
Disinfection by Products- THM	80 ppb	41.96	45.04	51.13	55.77
Disinfection by Products- HAA	60 ppb	27.42	29.82	35.24	36.93
TOC (Total Organic Carbon) Removal	> 1.0	1.05			
FY26 Turbidity Exceedances*	0	0			
FY26 Violations*	0	0			
Sampling	50	57			

WATER OPERATIONS	Total Assets	Monthly	Completed YTD
FY26 Critical Valves Operated (>16")	124	0	0
FY26 Non-critical Valves Operated (<12")	4,683	217	558
FY26 Locations Flushed*	0	0	0
Water Breaks		5	28
W&S Quality Complaints		0	46
FY26 Training hours (Utility Employees)*	108	181	567

SEWER OPERATIONS	Total Assets	Monthly	Completed YTD
Manholes Inspected	3,363	39	323
TV Inspections - Camera (feet)*	648,868.08	1,673.00	32,311.00
Sewer Main Rehabilitated (feet)*	648,868.08		
Sewer Main Manholes Rehabilitated	3,363		
Sewer lateral Rehabilitation(feet)*	533,570.26		
Line Cleaning (feet)*	648,868.08	3,736.00	80,018.00
Dry weather SSO's	0	2	2
Wet weather SSO's	0	0	0

Base Flow (MGD)	Average Daily Flow (MGD)	EST Inflow and Infiltration %
5.45	5.73	5%

HIGHEST PEAK (July 1, 2025 - Dec 31, 2025)
Peak for 30 days

Maximum allowed by UOSA	Highest Peak Month	Highest Peak
9.19	July 2025	8.23

Reservoir

Water Usage	Min (MGD)	Max (MGD)	Average (MGD)	Total (MGD)	Month
Water Pumped from Lake to WTP	8.5	13.5	9.07	281	January
Total Water Produced by WTP	8.5	13.5	9.07	281	January
Water Pumped to COM	8.006	13.056	8.68	269.086	January

Water Quality Statistics	Q1 2025	Q2 2025	Q3 2025	Q4 2025	In Compliance
DBP (THMS) {80 ug/L MCL}	41.96	45.04	51.13	55.77	YES
DBP(HAA) {60 ug/L MCL}	27.42	29.82	35.24	36.93	YES
	Calculated Ratios			QRAA	In Compliance
TOC Removal Ratio {MCL <1.0 QRAA}	Nov= 0.87	Dec= 0.94	Jan= 0.90	1.05	YES

Sampling	Required Samples	Actual Samples	# Pos Coliform samples	Month	In Compliance
Total Coliform Distribution Samples	50	57	2	January	YES
DBP Samples	4	4	n/a	November	YES
TOC Samples	2	2	n/a	January	YES
	# of samples	Raw Water Average (ppt)	Finished Water Average (ppt)	Trending	Month
Geosmin {Threshold 4-10 ppt}	2	14.7	7.315	Down	January
MIB {Threshold 4-16 ppt}	2	9.65	6.08	Down	January

Water Balance														
WATER TREATMENT PLANT MONTHLY REPORT														
CITY OF MANASSAS														
January		2026		PWSID # 6685100										
Page 1 of 20														
Date	Rate Change? Yes/No	West (Old) Water Treated (Thousand Gallons)	East (New) Water Treated (Thousand Gallons)	Pulsator Water Treated (Thousand Gallons)	Total Water Treated (Thousand Gallons)	Hours in Service	Pulsator Blowdown Frequency (minutes)	Pulsator Blowdown Thousand Gallons	Greenleaf Filter Wash Water (Thousand	East & West Filter Wash Water	Sed Basin Cleaning Thousand Gallons	Finished Water (Thousand Gallons)	Date	East&West
1	n	2,500	2,500	3,500	8,500	24.0	30	144	100	100		8,156	1	5,000
2	n	2,500	2,500	3,500	8,500	24.0	30	144	100	150		8,106	2	5,000
3	n	2,500	2,500	3,500	8,500	24.0	30	144	100	150		8,106	3	5,000
4	n	2,500	2,500	3,500	8,500	24.0	30	144	150	100		8,106	4	5,000
5	n	2,500	2,500	3,500	8,500	24.0	30	144	100	150		8,106	5	5,000
6	n	2,500	2,500	3,500	8,500	24.0	30	144	100	150		8,106	6	5,000
7	n	2,500	2,500	3,500	8,500	24.0	30	144	100	100		8,156	7	5,000
8	n	2,500	2,500	3,500	8,500	24.0	30	144	100	150		8,106	8	5,000
9	n	2,500	2,500	3,500	8,500	24.0	30	144	100	150		8,106	9	5,000
10	n	2,500	2,500	3,500	8,500	24.0	30	144	100	100		8,156	10	5,000
11	n	2,500	2,500	3,500	8,500	24.0	30	144	100	150		8,106	11	5,000
12	n	2,500	2,500	3,500	8,500	24.0	30	144	150	150		8,056	12	5,000
13	n	2,500	2,500	3,500	8,500	24.0	30	144	100	100		8,156	13	5,000
14	n	2,500	2,500	3,500	8,500	24.0	30	144	100	150		8,106	14	5,000
15	n	2,500	2,500	3,500	8,500	24.0	30	144	100	150		8,106	15	5,000
16	n	2,500	2,500	3,500	8,500	24.0	30	144	100	100		8,156	16	5,000
17	y	3,000	3,000	3,500	9,500	24.0	30	144	100	200		9,056	17	6,000
18	n	3,000	3,000	3,500	9,500	24.0	30	144	100	100		9,156	18	6,000
19	y	2,500	2,500	3,500	8,500	24.0	30	144	100	150		8,106	19	5,000
20	n	2,500	2,500	3,500	8,500	24.0	30	144	100	200		8,056	20	5,000
21	n	2,500	2,500	3,500	8,500	24.0	30	144	100	100		8,156	21	5,000
22	n	2,500	2,500	3,500	8,500	24.0	30	144	150	150		8,056	22	5,000
23	n	2,500	2,500	3,500	8,500	24.0	30	144	50	150		8,156	23	5,000
24	y	3,000	3,000	3,500	9,500	24.0	30	144	150	-		9,206	24	6,000
25	n	3,000	3,000	3,500	9,500	24.0	30	144	50	250		9,056	25	6,000
26	y	3,750	3,750	3,500	11,000	24.0	30	144	150	150		10,556	26	7,500
27	y	3,000	3,000	3,500	9,500	24.0	30	144	50	100		9,206	27	6,000
28	n	3,000	3,000	3,500	9,500	24.0	30	144	0	100		9,256	28	6,000
29	y	2,500	2,500	3,500	8,500	24.0	30	144	150	200		8,006	29	5,000
30	y	4,500	4,500	3,500	12,500	24.0	30	144	50	200		12,106	30	9,000
31	y	4,500	4,500	4,500	13,500	24.0	30	144	150	150		13,056	31	9,000
												-		
Total		85,750	85,750	109,500	281,000	744	930	4,464	3,150	4,300	-	269,086		
Maximum		4,500	4,500	4,500	13,500	24	30	144	150	250	-	13,056		
Minimum		2,500	2,500	3,500	8,500	24	30	144	-	-	-	8,006		
Average		2,766	2,766	3,532	9,065	24	30	144	102	139		8,680		

	Reservoir level															
Date	Feet above sea level	Rain gauge														
	Top of Concrete 285'	inches of rain														
January	Top of Rubber 290'		DATE	12:00 AM	2:00 AM	4:00 AM	6:00 AM	8:00 AM	10:00 AM	12:00 PM	2:00 PM	4:00 PM	6:00 PM	8:00 PM	10:00 PM	Maxium
1	284.35	na	1													0
2	284.31	na	2													0
3	284.30	na	3													0
4	284.27	na	4													0
5	284.24	na	5													0
6	284.23	na	6													0
7	284.23	na	7													0
8	284.21	na	8													0
9	284.18	na	9													0
10	284.40	na	10													0
11	284.64	na	11													0
12	284.68	na	12													0
13	284.71	na	13													0
14	284.68	na	14													0
15	284.68	na	15													0
16	284.67	na	16													0
17	284.66	na	17													0
18		na	18													0
19	284.65	na	19													0
20	284.66	na	20													0
21	284.61	na	21													0
22	284.60	na	22													0
23	284.56	na	23													0
24	284.52	na	24													0
25	284.52	na	25													0
26	284.67	na	26													0
27	284.65	na	27													0
28	284.65	na	28													0
29	284.63	na	29													0
30	284.58	na	30													0
31	284.54	na	31													0
	8535.28	0.00														
	284.51	0.00														

UOSA MONTHLY FLOW REPORT

AVERAGE DAILY FLOW (ADF) SUMMARY

for
January 2026

	UOSA Influent mgd	Fairfax County mgd	Prince William County mgd	City of Manassas mgd	City of Manassas Park mgd
Allocation* (Max 30-day rolling ADF)	54.0000	22.0999	19.7971	9.1893	2.9137
95% of Allocation		20.9949	18.8072	8.7298	2.7680

ACTUAL:

Max 30-day rolling ADF (this month)	30.5375	11.4647	12.3039	5.7287	1.2027
Max 30-day rolling ADF (last month)	30.7504	11.5887	12.4729	5.4908	1.2354
Max 30-day rolling ADF (2 months prior)	29.5982	11.4862	12.0567	5.4395	1.1546

ADF this month

Collection System	30.3144	11.4037	12.0193	5.7108	1.1806
Septage Receiving Facility	0.0771	0.0265	0.0505	0.0001	0.0001
Total average daily flow (mgd)	30.3915	11.4302	12.0697	5.7109	1.1807

ADF past 3 months

Collection System	29.7863	11.4202	12.0801	5.1068	1.1792
Septage Receiving Facility	0.0836	0.0296	0.0539	0.0001	0.0000
Total average daily flow (mgd)	29.8699	11.4498	12.1340	5.1069	1.1792

ADF past 12 months

Collection System	33.0507	12.4041	13.4110	5.9343	1.3013
Septage Receiving Facility	0.0869	0.0279	0.0589	0.0001	0.0000
Total average daily flow (mgd)	33.1377	12.4320	13.4700	5.9344	1.3013

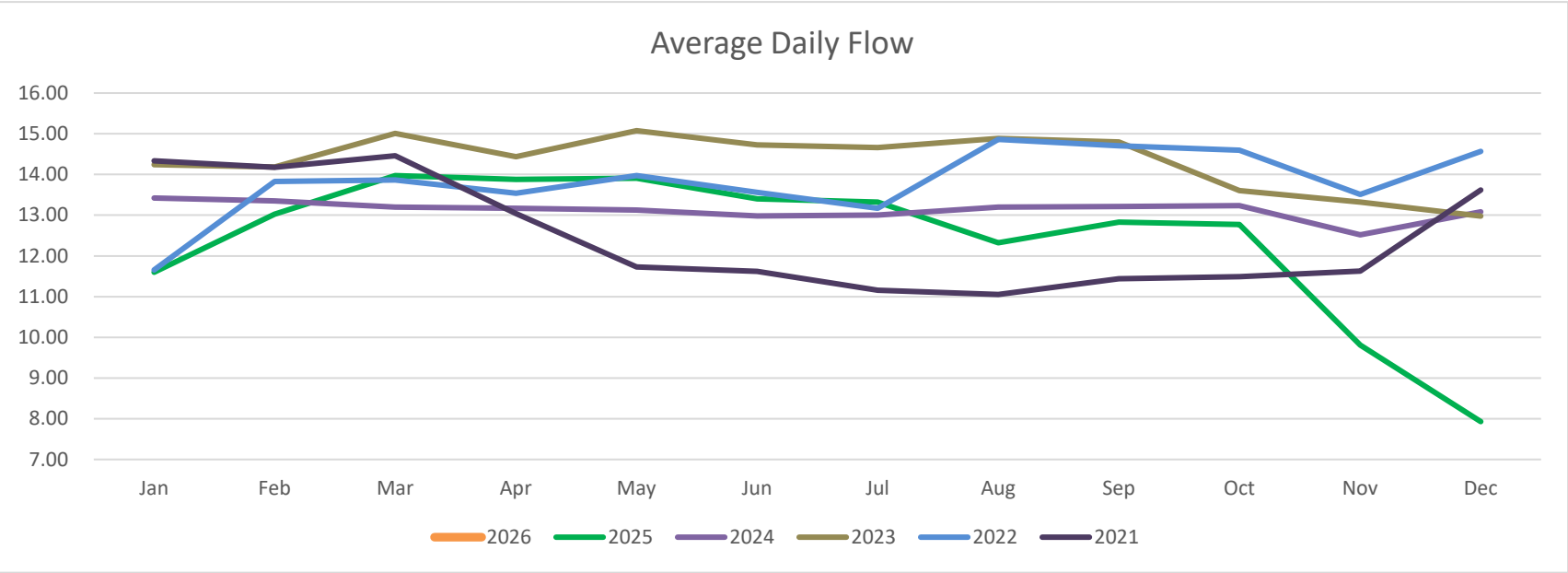
Rain data in total inches:

	Month January-26	Quarter November-25 through January-26	Year February-25 through January-26
UOSA Plant Site Gage	2.20	4.90	40.43
Dulles Weather Station Gage	4.00	7.00	33.48

*Refer to UOSA Service Agreement §4.2, §4.3, and §6.6

Water Production - Average Daily Flow By Month

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2026	8.68											
2025	11.60	13.03	13.97	13.88	13.90	13.40	13.32	12.32	12.83	12.77	9.81	7.93
2024	13.42	13.35	13.20	13.17	13.13	12.98	13.00	13.20	13.21	13.24	12.52	13.09
2023	14.24	14.19	15.01	14.44	15.08	14.72	14.66	14.89	14.80	13.60	13.32	12.98
2022	11.66	13.83	13.86	13.54	13.97	13.56	13.17	14.86	14.70	14.59	13.51	14.56
2021	14.33	14.18	14.46	13.04	11.73	11.62	11.15	11.05	11.44	11.49	11.62	13.62



MIB / GEOSMIN TECH MEMO

On 11/13/25 Prince William Water (PWW) called the Water Plant Manager to inform him that due to the high levels of MIB and Geosmin they would be closing the Glenkirk Vault (stopping purchase of water) until the levels come down.

MIB and Geosmin are not regulated contaminants, but do create taste and odor issues.

The event was outside the normal timing that the WTP has experienced in the past. The WTP increased the frequency of testing to track and use the data for treatment decisions.

On 12/10/25, due to the continued upward trend, we utilized the PAC system to increase dosing concentrations to test for an increased removal rate on MIB/GEO. On 12/23/25 we again increased the dosing rate after initial results indicated effectiveness on Geosmin. The increase did not result in additional removal rates. On 1/2/26 the PAC system experienced equipment failure and came offline. The removal rates did not decrease with the loss of PAC.

The elevated levels of MIB ended on 1/14/26 and the Geosmin was effectively reducing through the treatment process.

PWW rehabilitated the Glenkirk Vault while they were offline. They finished the work and started flushing and testing on 1/21/26.

ARTICLE 2 AUTHORITY'S BASIC ENTITLEMENT B. No Minimum Purchase Requirement: The Authority shall not be obligated to purchase any minimum quantity of Treated Water, but shall pay its share of Fixed Costs whether or not it takes any Treated Water.

Date	Test by	MIB		Geosmin		PAC Dose	
		Raw (ng/L)	FW (ng/L)	Raw (ng/L)	FW (ng/L)	# /day	mg/L
8/26/2025	COM	6.04	5.45	4.93	3.44		
9/22/2025	COM	15.3	16.4	2.1	1.61		
10/2/2025	COM	9.14	7.48	4.03	2.71		
10/9/2025	COM	12.6	10.4	6.13	3.58		
10/23/2025	COM	5.85	7.23	3.64	2.18		
10/30/2025	COM	7.43	7.04	3.92	2.26		
11/10/2025	PWW		17.0		4.0		
11/19/2025	COM	18.2	14.4	5.63	3.78		
11/24/2025	COM		15.4		5.2		
12/8/2025	COM	24.2	24.3	8.07	3.65		
12/9/2025	COM	25.3	23.5	8.23	3.81		
12/10/2025						430	6.9
12/12/2025						430	6.1
12/15/2025						510	7.2
12/16/2025	COM	19.5	18.3	8.65	2.9	510	7.2
12/22/2025	COM		18.2		4.11	510	7.2
12/23/2025						630	8.9
12/29/2025	COM	19.2	23.5	16.0	6.85	630	8.9
1/7/2026	COM	9.65	10.7	14.7	5.41		
1/14/2026	COM	5.56	6.59	17.0	6.16		
1/14/2026	PWW		4.0		5.9		

WATER CAPITAL IMPROVEMENTS

Project	Description	Start Date	Est Completion Date	Funds to Date	Project to Date Actual Cost	Encumbrance	Balance	Percentage of Funds Remaining	Current Project Status
C3683/W042	24" Transmission Main Replacement	FY 2014	TBD	\$16,021,046.33	\$15,415,509.35	\$166,983.80	\$438,553.18	3%	
C3540/W42	24" Transmission Main Replacement Dean Dr	FY 2024	July 2026	\$3,724,307.54	\$2,865,059.25	\$859,248.29	\$0.00	0%	Construction contract awarded 12/23/24 to A&M Concrete. To date: 10 RFIs issued; 10 resolved. NTP issued 8/18/25. Pipeline installation commenced 9/11/25 and remains approximately 99% complete (Sta. 0+09 to 24+77). Pressure test of new main passed 1/14/26. Disinfection plan submittal received 1/21/26 - under review.
C3538/W042	Phase VB Vint Hill Rd - Rollins Ford to Silas	FY 2024	Feb 2026	\$7,887,207.38	\$7,256,699.90	\$552,915.64	\$77,591.84	1%	Construction contract awarded 10/30/23 to Sagres Construction Corporation. To date: 4 RFIs issued; 4 resolved. NTP issued 12/23/24. Pipeline installation remains approximately 95% complete (Sta. 0+68 to 53+00 and Sta. 55+90 to 63+06). Loudoun Tunneling commenced the final 54in bore at Sta. 53+35 on 10/22/25 and encountered large boulders/soft soil. They hand excavated to reach a stable rock face and filled the void with concrete. Machine boring restarted on 12/15/25, but the drive unit failed. Boring restarted on 01/07/26, but stopped again due to a broken drive shaft. Awaiting arrival of new boring machine.
C3539/W042	Phase V-C Vint Hill Rd Silas to Sudley Manor	FY 2024	Aug 2026	\$6,536,724.61	\$3,136,016.70	\$3,400,707.91	\$0.00	0%	Construction contract awarded 1/22/24 to Sagres Construction Corporation. To date: 2 RFIs issued; 2 resolved. Submittals continue. NTP issued 11/13/25. Pipeline installation commenced 11/13/25 and is approximately 37% complete (Sta. 0+16 to 16+62 and 18+00 to 25+82). Sagres is continuing pipeline installation between Sta. 16+62 and 18+00.
C3684/W047	Finished Watr Capacity	FY 2014	Oct 2026	\$11,362,692.10	\$4,325,569.20	\$6,690,407.55	\$346,715.35	3%	Construction contract awarded 12/16/24 to CPP Construction. To date: 27 RFIs issued; 25 resolved. Submittals continue. NTP issued 4/30/25. PWC Building Permits issued 5/28/25. Precast roof panels placed on internal electrical room 1/20/26. Precast roof panels to be placed on hypo building 2/3/26. Project is approximately 32% complete.
C3678/W054	Recycle Decant to WTP	FY 2017	TBD	\$343,907.00	\$62,003.89	\$24,972.61	\$256,930.50	75%	Hold for new BOA
C3663/W050	Main Replacement Looping	FY 2014	ongoing	\$4,830,237.00	\$4,207,585.11	\$58,791.46	\$563,860.43	12%	Peabody St. Installation 35% complete. Hazel Dr will start Spring 2026
C3674/W064	Clear Well Roof	FY 2026	TBD	\$1,500,000.00	\$0.00	\$0.00	\$1,500,000.00	100%	Evaluation to start once piping for new clearwell has been completed

C3696/W065	Clear Well Addition & Roof Replacement	FY 2019	Jun 2026	\$9,772,318.27	\$6,179,625.83	\$4,463.05	\$3,588,229.39	37%	Clearwell leak test completed/passed 4/17/25 and Substantial Completion achieved. Removal of silt fence completed 6/2/25. PWC approved site plan as-built 11/12/25. Clark pursuing close-out of PWC permits - awaiting PWC acceptance of grass germination.
C3525/W066	Nokesville Rd Water Main Upgrade	FY 2023	TBD	\$426,091.30	\$380,550.04	\$45,541.26	\$0.00	0%	Baker 100% design. Four easements to be acquired. Easement plats reviewed by CoM Attorneys 3/27/25. Baker revisions received 4/8/25. Baker ROW Data Sheet received 8/5/25. Volkert provided 3 of 4 offer packages for CoM review on 8/7/25. Volkert provided 4 revised offer packages for CoM review on 10/1/25. Project placed on hold.
C3602/W070	Water Plant Improvement	FY 2018	ongoing	\$4,417,244.12	\$3,512,895.03	\$371,166.17	\$533,182.92	12%	Mud Valves for Filtes 3 and 4, Clay valve rebuilds at finished water pump house
C3519/W072	Surge Tank Expansion	FY 2026	TBD	\$2,000,000.00	\$0.00	\$0.00	\$2,000,000.00	100%	Hold for new BOA
C3521/W074	Enclosure Pulsator Basins at WTP	FY 2023	Jan 2026	\$215,100.00	\$115,512.73	\$99,584.98	\$2.29	0%	Field meeting held 5/28/25 to restart project. Steel transported to shop for sandblasting/painting on 9/19/25. Sherwin-Williams NSF coatings submittal approved 9/26/25 and color selection provided 10/1/25. Shop inspection performed 10/8/25. Second shop inspection held 10/24/25. Site meeting held 1/8/26. Centennial acquiring new installation subcontractor. Installation anticipated in February 2026.
C3522/W076	Screw Press Decant	FY 2023	TBD	\$1,309,131.00	\$1,197,384.04	\$111,746.96	\$0.00	0%	On Hold
C3530/W078	Water Meter AMR	FY 2023	ongoing	\$1,303,968.88	\$862,261.49	\$172,999.62	\$268,707.77	21%	Installation is ongoing as AMI nodes fail
C3537/W079	Super Pulsator PLC Replacement	FY 2026	TBD	\$300,000.00	\$0.00	\$210,655.17	\$89,344.83	30%	Coordinating with C&C
C3544/W082	Remote Water Quality Monitoring	FY 2026	TBD	\$300,000.00	\$0.00	\$0.00	\$300,000.00	100%	
C3545/W083	Dean Pump Station Rehab	FY 2025	TBD	\$875,797.31	\$75,408.30	\$0.00	\$800,389.01	91%	
C3547/W080	Dry Structure Storage	FY 2026	TBD	\$200,000.00	\$0.00	\$0.00	\$200,000.00	100%	Hold for new BOA
C3548/W081	Conventional Filter Underdrain Replacement	FY 2026	TBD	\$200,000.00	\$0.00	\$0.00	\$200,000.00	100%	Hold for new BOA
C3549/W084	Boat Storage & Dock Improvements	FY 2026	TBD	\$300,000.00	\$0.00	\$0.00	\$300,000.00	100%	Hold for new BOA
C3531/T084	Water Longstreet Sidewalk	FY 2026	Sep 2026	\$3,800,000.00	\$0.00	\$0.00	\$3,800,000.00	100%	Contract Documents being Completed, Electric starting undergrounding
C3534/T086	Water Mathis Ave	FY 2025	completed	\$1,000,000.00	\$550,575.88	\$0.00	\$487,145.49	49%	Construction start w/ in-house team 4/28/25. Pipe installed. Final connection and paving complete.

SEWER CAPITAL IMPROVEMENTS

Project	Description	Start Date	Est Completion Date	Funds to Date	Project to Date Actual Cost	Encumbrance	Balance	Percentage of Funds Remaining	Current Project Status
C3669/S016	Upper Flat Branch Interceptor	FY 2015	TBD	\$4,742,894.00	\$808,410.82	\$0.00	\$3,934,483.18	83%	Scheduled for construction in FY26. Currently reviewing and QA/QC on existing plan
C3514/S023	Sewer Main Replacement	FY 2020	TBD	\$2,587,573.00	\$149,901.12	\$106,670.88	\$2,331,001.00	90%	Grant Avenue sewer replacement - Kimley-Horn provided revised drawings 5/6/25 to eliminate exposed manhole/pipe in stream. WINCAN inspection report reviewed with D&C on 6/10/25. Additional issues to be addressed/corrected sent to K-H on 10/10/25. Revised PO issued 10/27/25. New survey results received 1/15/26 - under review.
C3526/S024	Sewer Capacity Expansion	FY 2022	TBD	\$900,000.00	\$93,901.00	\$0.00	\$806,099.00	90%	currently on Hold
C3524/S026	Airport Sewer Infrastructure	FY 2023	TBD	\$3,800,000.00	\$76,935.30	\$26,010.70	\$3,697,054.00	97%	Kimley-Horn 90% design for W&S.
C3542/S027	Capacity Management Operations & Management	FY 2025		\$750,000.00	\$143,160.51	\$542,823.28	\$64,016.21	9%	Reduce I&I. System modeling. Inspection/assesments. SSO risk reduction.
C3543/S028	UOSA Ammonia Treatment Upgrade	FY 2025	Oct 2026	\$9,800,000.00	\$8,630,664.00	\$0.00	\$1,169,336.00	12%	Substantial Completion 7/2/25. Final Completion 10/3/25. UOSA closing out finiacals and making final Grant funding submission for approval. Final invoice ETA is end of January 2026.
C3699/T030	Sewer Dean Dr Extended	FY 2022		\$51,000.00	\$49,223.19	\$0.00	\$1,776.81	3%	
C3546/T039	Sewer Dean Dr	FY 2026	TBD	\$980,000.00	\$0.00	\$0.00	\$980,000.00	100%	Contract Documents being Completed, Electric starting undergrounding
C3532/T084	Sewer Longstreet	FY 2026	Sep 2026	\$600,000.00	\$0.00	\$0.00	\$600,000.00	100%	Design Completed Electric to begin undergrounding as project contract documents are completed for bid
C3535/T086	Sewer Mathis Ave	FY 2026	TBD	\$500,000.00	\$0.00	\$0.00	\$500,000.00	100%	

ACTION ITEMS
WATER & SEWER DEPARTMENT

- Memo on MIB/geo and the Water Capacity and Service Agreement with PWCSA (PWW)
- Legend for the AWWA water audit printout