



City of Manassas, Virginia
Utility Commission Meeting

AGENDA

Utility Commission Meeting
Public Works Facility
Public Works Conference Room
8500 Public Works Drive
Manassas, VA 20110
Thursday, October 9, 2025

- I. Call Meeting to Order - 5:30 p.m.
- 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 - September 11, 2025
[September 11, 2025 - Regular Meeting.pdf](#)
- VI. Staff Reports
 - Vla Utility Customer Service and Financial Reports
[CS Sept 2025 usage_Oct 2025 reporting month.pdf](#)
 - Vlb Director of Electric Update and Electric Operations Report
[Elec Sept 2025 usage_Oct 2025 reporting month.pdf](#)
 - Vlc Director of Water & Sewer Update and Water & Sewer Operations Report
[WS Aug 2025 usage_Oct 2025 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
Richard Meyer
Tom Osina
Steve Silberstein
Andrew Smith

Members Absent

Charles Lemmon
Courtney Tolson

Staff Present

Tarek Aly
Daralyn Baker
Ana Davis
Shenitra Farley
Michael Nicholson
Lisandra Rodrigues
Jeff Small
Jared Wood

I. Call Meeting to Order – 5:30 pm

Chairperson Silberstein called the meeting to order.

II. Determination of Quorum

Quorum has been met.

III. Approval of Remote Electronic Participation by a Commission Member

Remote participation was not needed this month.

IV. Chairperson's Report

Chairperson Silberstein asked the Commissioners for their thoughts and input on how meetings could possibly be formatted differently to emphasize the goals and needs of the Commission and staff. After a brief discussion, the main consensus of the members appears to increase and improve communication regarding upcoming and ongoing projects and to be forward-thinking on projects, which includes capturing data and budget updates which will, in turn, place the Commission in a better position to advise staff.

V. Approval of Minutes

Minutes for July 10, 2025 approved as submitted.

Motion: *Angelotti* **Second:** *Meyer*

Vote: *Results (Unanimous 5-0)*

Ayes: *Fox, Silberstein, Smith*

Nays: *None*

VI. Staff Reports**A. Utility Customer Service and Financial Reports**

Ana Davis, Utilities Financial Services Manager, presented the September Customer Service Report. Ms. Davis reported there were 17,192 accounts billed throughout the month of August. Total revenue billed was \$8,678,082.92 and revenue collected was \$8,106,975.07. The City wrote off \$10,098.87 this month and collected \$1,079.22 from in-house, resulting in a net collection of \$9,019.65.

Ms. Davis presented a new report capturing our current and future CIP projects and highlighting the funding for each project, how much as been spent to date, any monies encumbered, and the remaining available balance.

Commissioner Meyer brought up a social media post suggesting that Utilities could not process credit card payments over \$350. Ms. Davis clarified that while credit card payments are accepted, they are limited to \$350 per transaction and subject to a \$7.95 convenience fee imposed by the credit card company. She added that payments made through automatic bank draft carry no additional fees. To ensure residents are aware of these details, Councilmember Osina proposed including a brief notice either in the city newsletter or printed directly on utility bills.

Ms. Davis also announced that the annual Utility Open House will be held at the Public Works Facility on Saturday, October 11, 2025 from 10am-2pm.

B. Director of Electric Update and Electric Operations Report

Mr. Aly reported that there were three (3) outages during the month of August. One (1) outage was out of Battery Heights Substation, one (1) outage out of Point of Woods Substation and one (1) out of Airport Substation.

The July VMEA billing was \$3,823,095 (\$8.41 kwh). The City coincident peak for the month of August occurred on August 17, 2025 for a peak of 72.88 MW. The Dominion Power peak was 21,561 MW.

Mr. Aly introduced Jared Wood as the new Senior Electrical Engineer.

A discussion was held regarding the potential BESS (battery energy storage system) to be housed at our Church Street generation facility. Although this system was approved by Commission and Council in 2024, questions and concerns from residents and Council regarding emissions, noise, fire hazards and set-up distance from property lines arose. Mr. Aly and staff conducted field visits for Commissioners and Council members this week to address all concerns. Mr. Aly, along with Fire Chief Mills, addressed these concerns to Council at their meeting on Monday, September 8, 2025. Mr. Aly reported that VMEA is considering alternative locations to house the system.

C. Water & Sewer Operations Report

Jeff Small, Director of Water & Sewer, presented the Water & Sewer Operations Report for the month of September. There were no water main breaks and no sewer blockages in August. A new updated chart for capturing non-revenue water was included in the agenda packet, defining the industry standards as requested.

Mr. Small relayed that the Class 1 Water Plant Operator and the Utility Tech III positions are still vacant.

On September 26, 2025 a multi-jurisdictional meeting will be held regarding a PFAS project. Chairman Silberstein asked if an update could be provided at the October Commission meeting.

VII. New Business

None

VIII. Old Business

None

Adjournment

Motion: *Angelotti* **Second:** *Meyer*

Vote: *Results (Unanimous, 5-0)*

Ayes: *Fox, Silberstein, Smith*

Nays: *None*

The meeting was adjourned at 7:17 pm.

Steve Silberstein – Chair

Daralyn Baker, Utility Commission Clerk

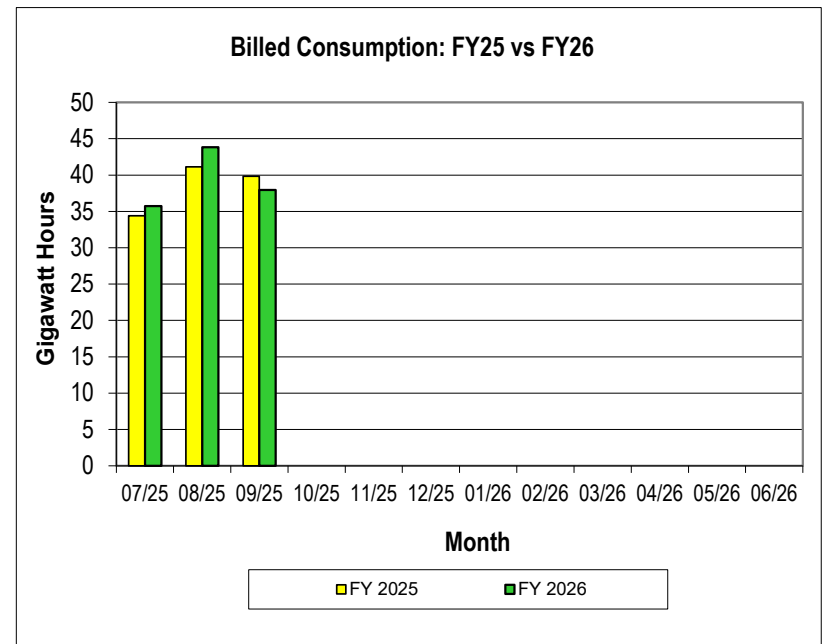
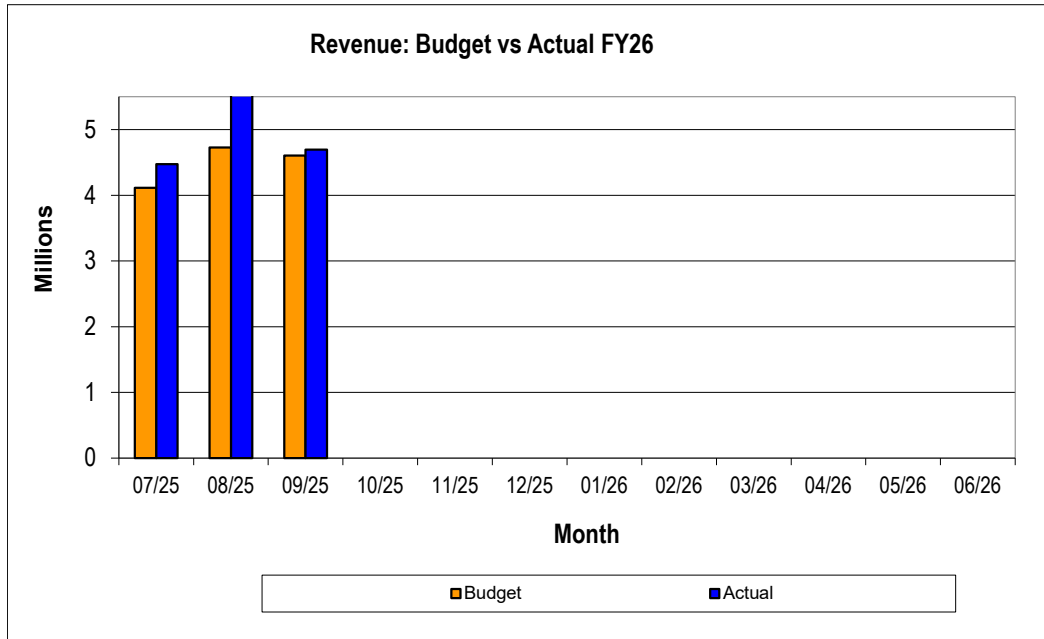
Date Approved

UTILITY CUSTOMER SERVICE REPORT					
FOR THE MONTH OF SEPTEMBER 2025					
REVENUES BILLED				LAST MONTH	THIS MONTH
NUMBER OF ACCOUNTS BILLED				17,192	17,204
ELECTRIC			Energy	\$2,643,465.64	
			Demand	\$859,502.85	
			PCA	\$494,787.67	
			FCA	\$0.00	
			Security lgts	\$21,365.47	
			Ld mgmt	\$0.00	
			Sub Total	\$4,019,121.63	
*** LOMAR		AUGUST		\$313,540.59	
*** MICRON		AUGUST		\$11,108.33	
***BRICK PLANT		AUGUST		\$145,845.38	
TOTAL ELECTRIC					\$4,489,615.93
WATER					\$1,218,563.72
SEWER					\$860,355.31
UOSA COMPONENT					\$781,747.35
Pond overhead, maintenance and indirect					\$27,754.17
REFUSE					\$348,401.16
STORMWATER					\$234,402.42
RETURNED DEPOSITS					(\$19,200.00)
SUBTOTAL					\$7,941,640.06
PENALTIES				LAST MONTH	\$53,786.90
TOTAL REVENUE BILLED				\$8,678,082.93	\$7,995,426.96
REVENUES COLLECTED FOR SEPTEMBER BILLINGS AND PRIOR					
OVER THE COUNTER		10.32%			\$973,691.56
WIRE PAYMENTS		13.21%			\$1,246,308.50
MAIL		6.46%			\$609,333.60
A/R BOX		24.92%			\$2,351,777.15
E-CHECKS (INVOICE CLOUD)		36.60%			\$3,454,145.12
PAYPAL/VENMO		0.20%			\$19,332.87
CREDIT CARDS (INVOICE CLOUD)		8.29%		LAST MONTH	\$782,683.69
TOTAL REVENUE COLLECTED				\$8,106,975.07	\$9,437,272.49
OVER/SHORT					\$0.00
OPERATION ROUND UP				\$206.94	\$199.73
MONTHLY NON PAY CUTS		DH	38		
		CUT	140		
		HOLDS	42		
TOTAL COLLECTION RATIO:				93.42%	188.03%
UTILITY ACCOUNTS RECEIVABLES					
AGING	05/30/25	06/30/25	07/31/25	08/29/25	09/30/25
CURRENT DUE (ACTIVE ACCTS)	\$3,321,166.58	\$3,627,130.86	\$4,500,153.05	\$5,007,718.11	\$3,582,793.73
30 DAYS (ACTIVE ON CUT LIST)	\$350,944.51	\$315,998.39	\$289,581.80	\$325,702.62	\$277,509.32
60 DAYS (DISCONNECTED ACCOUNTS)	\$40,864.50	\$21,694.39	\$19,519.80	\$33,391.14	\$46,589.57
90 DAYS (DISCONNECTED WAITING FOR WRITE-OFF)	\$15,307.02	\$12,859.79	\$10,420.26	\$7,740.08	\$16,193.09
OVER 90 DAYS	\$22,812.02	\$12,662.86	\$18,647.51	\$19,666.60	\$18,331.96
TOTAL DUE	\$3,751,094.63	\$3,990,346.29	\$4,838,322.42	\$5,394,218.55	\$3,941,417.67
* WRITE OFFS	\$11,111.60	\$8,600.18	\$8,043.89	\$10,098.87	\$8,489.75
COLLECTED FROM STATE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COLLECTED IN HOUSE	(\$314.03)	(\$1,967.49)	(\$1,391.44)	(\$1,079.22)	(\$589.25)
NET	\$10,797.57	\$6,632.69	\$6,652.45	\$9,019.65	\$7,900.50
* 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	4,782,798	-	22.79%	3,415,506
09/25	4,603,863	4,696,168	1,105,180	-	2.00%	
10/25			-	-		
11/25			-	-		
12/25			-	-		
01/26			-	-		
02/26			-			
03/26			-			
04/26			-			
05/26			-			
06/26			-			
	\$ 13,445,943	\$ 14,975,375	\$ 10,479,984	\$ 3,015,000	11.37%	\$ 7,238,601

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					
11/25					
12/25					
01/26					
02/26					
03/26					
04/26					
05/26					
06/26					
	114,325,255	117,518,001	115,348,975	2.79%	1.88%

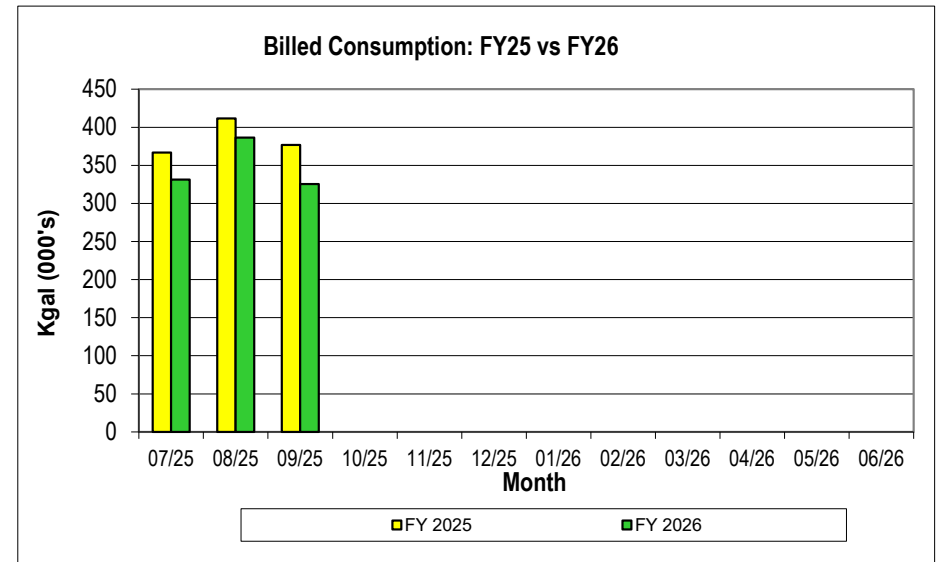
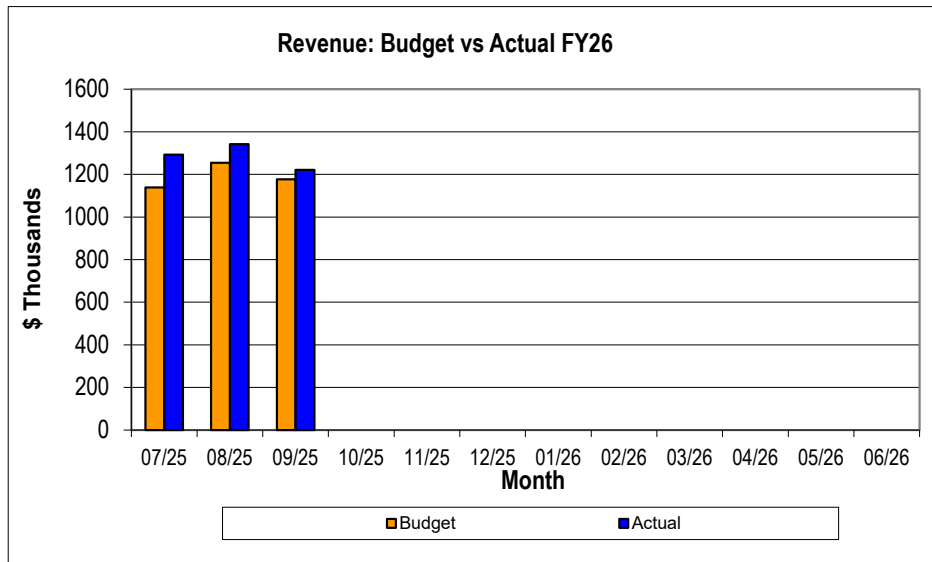


Water Fund Budget vs Actual FY26

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	721,086	-	3.78%
10/25			-	-	
11/25			-	-	
12/25			-	-	
01/26			-	-	
02/26			-	-	
03/26			-	-	
04/26			-	-	
05/26			-	-	
06/26			-	-	
	\$ 3,570,149	\$ 3,855,344	\$ 3,785,051	\$ 4,865,000	7.99%

*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						
11/25						
12/25						
01/26						
02/26						
03/26						
04/26						
05/26						
06/26						
	1,148,104	1,043,246	1,155,137	-9.69%	-7.24%	-12.74%

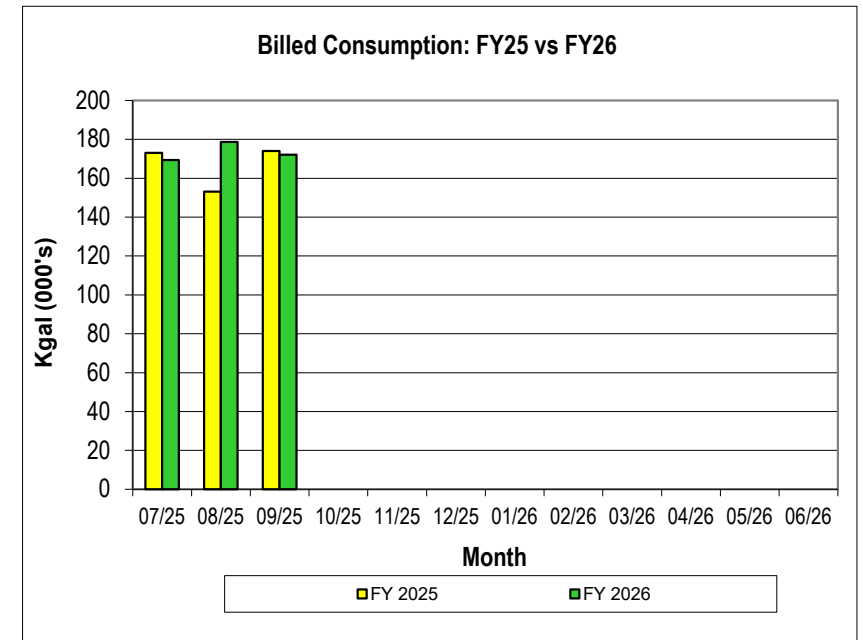
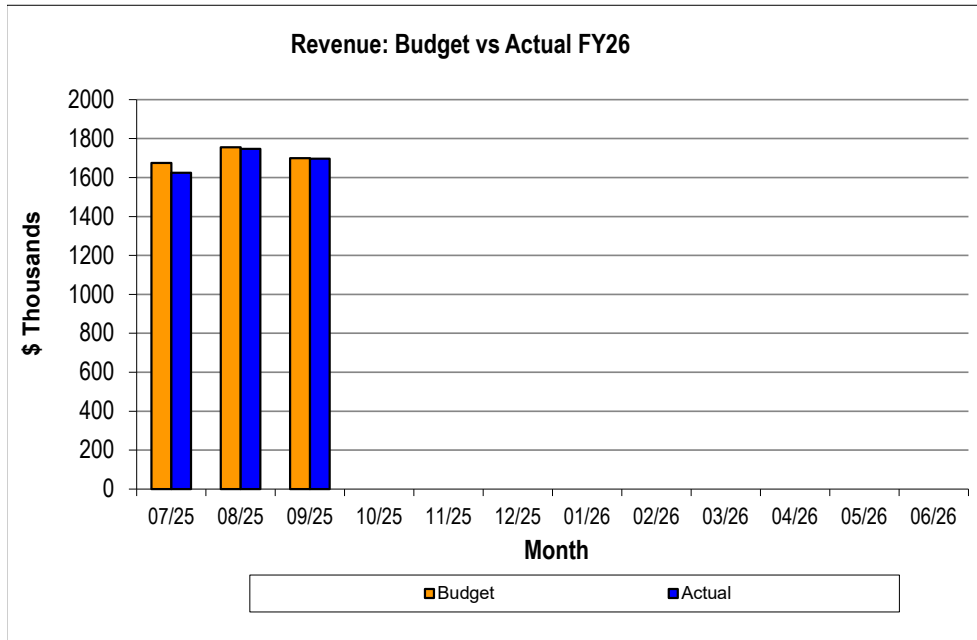


Sewer Fund Budget vs Actual FY26

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			-	-		
11/25			-	-		
12/25			-	-		
01/26			-	-		
02/26			-	-		
03/26			-	-		
04/26			-	-		
05/26			-	-		
06/26			-	-		
	\$ 5,129,099	\$ 5,068,062	\$ 9,053,387	\$ 3,615,000	-1.19%	\$ 5,792,578

*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					
11/25					
12/25					
01/26					
02/26					
03/26					
04/26					
05/26					
06/26					
	526,330	520,128	500,218	-1.18%	3.98%



ACTION ITEMS

CUSTOMER SERVICE DEPARTMENT

- Vacant positions in Utilities: Utility Analyst, Utility Tech III, and Water Treatment Plant Class 1 Operator
 - All positions are still vacant. Item will remain on Action Item list

Monthly Outage Report

For the Month of September

Total Outages:	1	SAIDI:	0.123
Total Customers Affected:	11	ASAI:	100.000
Total Customer Minutes:	2,057	CAIDI:	187.000
		SAIFI:	0.001

Date	Start Time	Duration (min)	Customers Affected	Customer Minutes	Substation-Feeder	Voltage Type	Cause	Device
9/8/2025	22:04	187	11	2,057	BATTERY HEIGHTS-404	Secondary	Squirrel	OH Single Ph. Transformer

*** Has Multiple Restore Times.*

--- 1 Customer Responsible Outage(s) Excluded.

Electric System Operating Report – September 2025

Reliability

	SAIDI (minutes)	ASAI (%)	CAIDI (minutes)
January	0.204	100.000	85.692
February	2.407	99.994	154.142
March	1.508	99.997	572.976
April	8.013	99.981	92.914
May	9.477	99.979	50.870
June	12.713	99.971	115.580
July	1.922	99.996	199.383
August	0.039	100.000	217.998
September	0.123	100.000	187.00
October			
November			
December			
YTD	36.406	99.991	186.284
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 – September 2025

System Data

	VMEA Bill	Actual cost per kWh (¢)
January	\$ 2,850,755	6.64 *
February	\$ 2,850,755	6.93 **
March	\$ 2,430,604	7.75
April	\$ 2,497,092	8.71
May	\$ 2,731,018	9.09
June	\$ 3,236,958	8.19
July	\$ 3,823,095	8.41
August	\$ 3,415,506	9.08

* Reflects (\$193,857) Credit from Dominion for FERC audit finding true-up.

** Reflects (\$12,944) Credit from Dominion for FERC audit finding true-up.

Meter Data

DVP System Peak	19,729	MW (September 5th, 6 PM)
City Coincident Peak	62.5	MW (September 5th, 6 PM)
City System Peak	63.7	MW (September 5th, 5 PM)
System Transmission kWh	35,700,436	kWh
System Distribution kWh	1,926,677	kWh
CP/NCP Ratio	99.40%	(August, verified)
CP/NCP Ratio (Calendar Year avg.)	95.58%	(August, verified)

Generation - PJM Base Residual Auction

No PJM Runs

Load Control and Voltage Reduction

Friday, September 5th DVP Peak 19,729 MW @ 18:00: VMEA-215.2 MW, Man-62.5 MW

Temperatures at the Peak:	Manassas	89 °F
	Richmond	88 °F
	Norfolk	90 °F

Generation – Transmission Peak Shaving (in MW)

Date	Peak Hour	Hours Ran	Manassas Generation	DVP Load	Manassas Load	VMEA Load
Sept 5th	19,729	2.45	11.90	19,729	62.5	215.2
Sept 6th	No Peak	2.15	12.14	19,582	61.58	208.76

Electric CIP	Description	FY26 Funds Available	Project to Date Estimated Cost	Project to Date Actual Cost	Project	Status	Estimated Start Date	Estimated Completion Date
E30 / C3667	UG Cable Replacement	\$1,422,471	\$275,000	\$3,452	POW-Phase II	USA Cable installing conduit	September 2025	July 2026
E31 / C3686	New Generation Alternatives	\$1,654,008	\$42,000	\$48,800	Public Work Generator - upgrade switchgear	Major outage needed at the PW Facility - On Hold	March 2025	December 2025
E32 / C3694	New Fiber Optic Loop	\$263,685	\$0	\$241,315	Fiber Optic -Prince William to Bunker (PWF)	Need estimate and work order # created - On Hold	TBD	TBD
E33 / C3693	OH to UG	\$2,520,126	\$723,000	\$897,742	Douglas Street	Conversion portion complete. Road asphalt resurfacing in planning.	May 2024	November 2025
E34 / C3695	LED Streetlights	\$765,278	\$825,000	\$634,722	LED Streetlights	Public Cobra Heads complete, evaluating Sternberg upgrades	Working	2026
E35 / C3515	Airport Distribution	\$2,878,004		\$14,996	Investigate Airport	Received draft from RGrid, under review.	2020	June 2026
E040 / C3528	E040 AWS/BCG Substation	\$94,549		\$1,835,587	Foster Drive Substation (AWS - IAD 205/207/317)	The three (3) substation transformers have been installed including all the accessories, ancillary devices, and transformer oil. Preparation ongoing for the commissioning activiteis this month (August). Excavation for the duct-bank and the cable trench started in the second half of June.	Working	March 2026
E042 / C3527	LM Substation Relocation	\$4,305,433		\$204,567	LM Substation Relocation	Ordering long lead time material. Easement acquisition and Wetlands study underway. Coordinating the protection & control scope with Dominion and Lockheed Martin.	Working	March 2026
T084 / C3533	Longstreet Dr	\$1,500,000		\$0	Longstreet Drive	Longstreet - Grant to Portner. Design complete. Project released.	March 2025	July 2027

ACTION ITEMS

ELECTRIC DEPARTMENT

- Underground cable replacement – transformer delivery date(s)
 - No concrete delivery date(s) yet. Item will remain on Action Item list

**MONTHLY OPERATIONS REPORT
WATER & SEWER DEPARTMENT
REPORTING MONTH October 2025**

WATER PLANT	DAILY USAGE TREND (MGD)	ACTUAL DAILY AVERAGE (MGD)	MONTH
WATER PUMPED to COM	-----	12.65	Aug-25

WATER DISTRIBUTION	(MGD)	(MGD)	MONTH
MANASSAS	2.79	3.80	Aug-25
MICRON	2.55	2.97	Aug-25
MANASSAS PARK	0.43	0.43	Aug-25
PWCSA	4.91	5.45	Aug-25
TOTAL	10.68	12.65	Aug-25

WATER STATISTICS	GOAL	ACTUAL	REGULATORY LIMIT
DISINFECTION-BY-PRODUCTS-THM (Trihalomethanes)	<50 ppb	51.13	80 ppb
DISINFECTION-BY-PRODUCTS-HAA (Halogenic Acetic Acids)	< 40 ppb	35.24	60 ppb
TOC REMOVAL (Total Organic Carbon) 12 Month Rolling Avg	> 1.10	1.12	> 1.0
FY26 TURBIDITY EXCEEDANCES*	0	0.00	0
FY26 VIOLATIONS*	0	0.00	0

WATER OPERATIONS	GOAL	ACTUAL	
FY26 CRITICAL VALVES OPERATED (24")*	100%	0%	FY26 YTD
FY26 NON-CRITICAL VALVES OPERATED (All Others)*	33%	3%	FY26 YTD
FY26 LOCATIONS FLUSHED*	100%	0%	FY26 YTD
MONTHLY WATER BREAKS	2.5	1	Sept 25
MONTHLY WATER QUALITY COMPLAINTS	0	0	Sept 25
FY26 TRAINING HOURS (Utility Employees)*	108	75.50	FY26 YTD

SEWER OPERATIONS	BUDGET OR GOAL	ACTUAL	
MONTHLY SEWER BLOCKAGES	0	0	Sept 25
FY26 MANHOLES INSPECTED*	1,000	208	FY26 YTD
FY26 TV INSPECTIONS -camera (FEET)*	200,000	10,124	FY26 YTD
FY26 SEWER MAIN REHABILITATED (FEET)*	6,000	0	FY26 YTD
FY26 LINE CLEANING (FEET)*	200,000	54,771	FY26 YTD

SEWER (FLOW TO UOSA)	DAILY USAGE TREND (MDG)	ACTUAL DAILY AVERAGE (MGD)	MONTH
UOSA FLOW	-----	5.44	Aug-25
MANASSAS	2.31	3.20	Aug-25
MICRON	2.26	2.39	Aug-25
PWCSA	19.80	16.35	Aug-25

UOSA FLOW LIMITS		ACTUAL DAILY AVERAGE (MGD)	PERMIT LIMIT
HIGHEST 30 CONSECUTIVE DAYS AVERAGE FLOW THIS MONTH	-----	7.08	
PEAK 30 DAY PERIOD (December 2020)	-----	8.430	9.19 ⁽²⁾

* FY26 = July 1, 2025 - June 30, 2026

⁽¹⁾ Peak for 30 days

⁽²⁾ Maximum allowed by UOSA (Limit increased from 8.69 to 9.19 August 2019)

UOSA MONTHLY FLOW REPORT

AVERAGE DAILY FLOW (ADF) SUMMARY for August 2025

	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)	37.3559	13.4559	15.3462	7.0810	1.4728
Max 30-day rolling ADF (last month)	42.0655	15.1032	16.9876	8.2257	1.7491
Max 30-day rolling ADF (2 months prior)	40.6488	14.7557	16.3516	8.0515	1.6405

ADF this month

Collection System	30.4086	11.7564	12.1330	5.4367	1.0825
Septage Receiving Facility	0.0877	0.0244	0.0632	0.0001	0.0000
Total average daily flow (mgd)	30.4963	11.7808	12.1962	5.4368	1.0825

ADF past 3 months

Collection System	36.1211	13.2723	14.5768	6.8782	1.3938
Septage Receiving Facility	0.0871	0.0272	0.0597	0.0001	0.0000
Total average daily flow (mgd)	36.2081	13.2995	14.6365	6.8783	1.3938

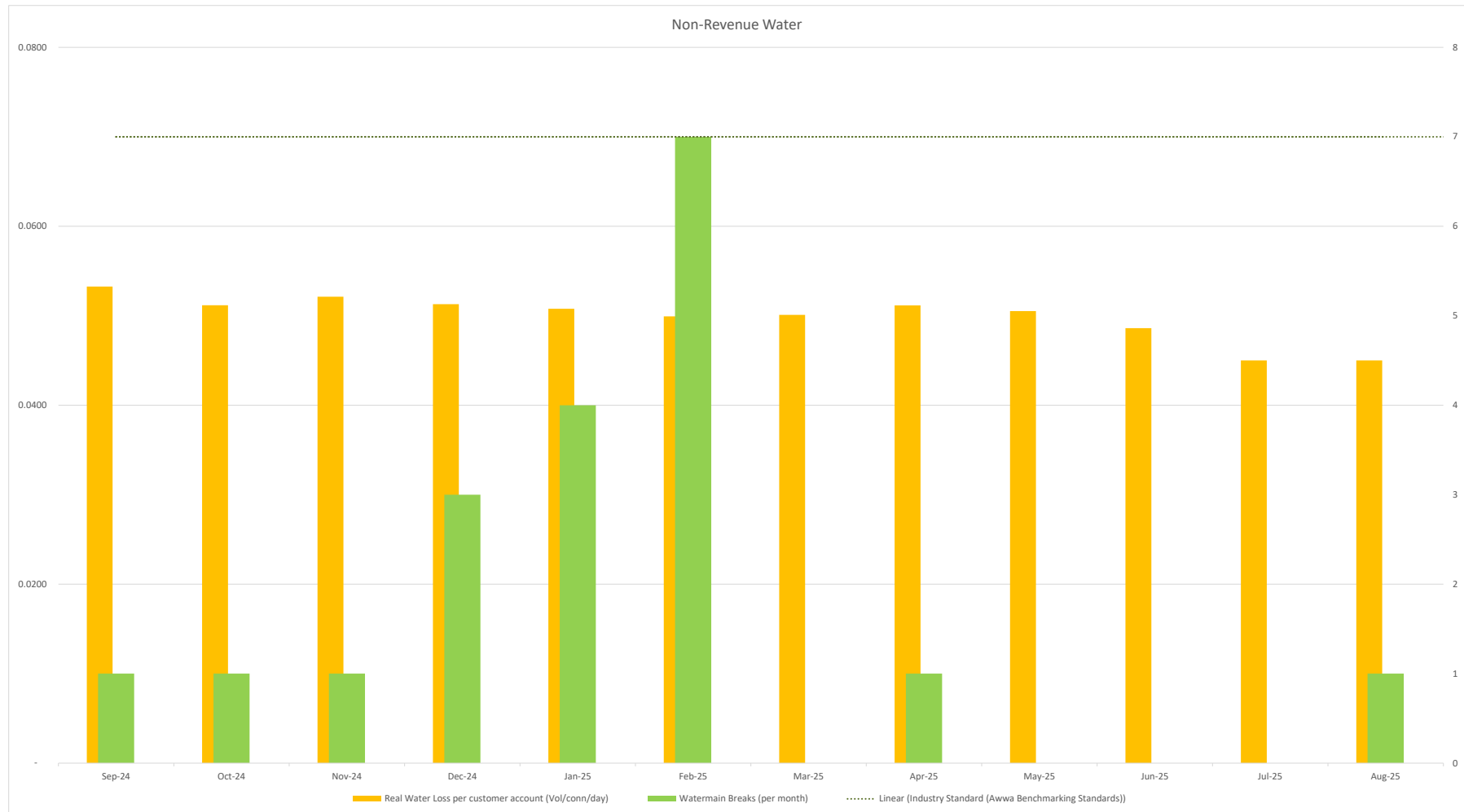
ADF past 12 months

Collection System	33.8971	12.5373	13.7887	6.2309	1.3402
Septage Receiving Facility	0.0826	0.0271	0.0553	0.0002	0.0000
Total average daily flow (mgd)	33.9797	12.5643	13.8440	6.2311	1.3402

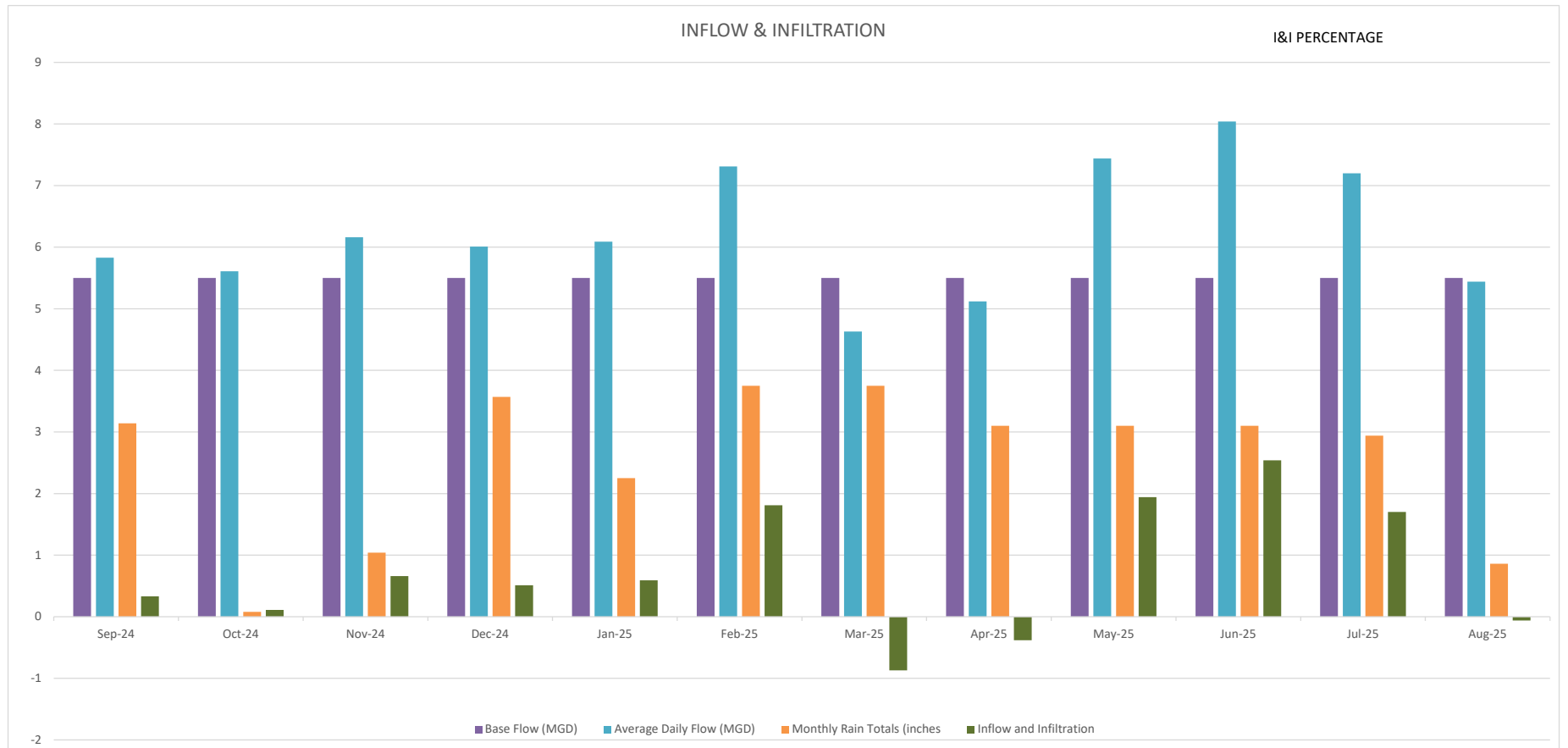
Rain data in total inches:

	Month August-25	Quarter June-25 through August-25	Year September-24 through August-25
UOSA Plant Site Gage	0.86	18.00	40.55
Dulles Weather Station Gage	0.85	10.72	34.78

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



	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25
Real Water Loss per customer account (Vol/conn/day)	0.0533	0.0512	0.0521	0.0513	0.0508	0.0499	0.0501	0.0512	0.0505	0.0486	0.0450	0.0450
Cost per customer account for apparent and real loss (Vol/conn/day)	\$ 1.51	\$ 1.45	\$ 1.48	\$ 1.46	\$ 1.44	\$ 1.42	\$ 1.42	\$ 1.45	\$ 1.44	\$ 1.38	\$ 1.28	\$ 1.28
Watermain Breaks (per month)	1	1	1	3	4	7	0	1	0	0	0	1
Plant Flow	13.77	13.67	13.69	13.57	13.00	14.00	13.54	13.52	13.61	13.35	13.19	13.18
Billed Consumption	11.31	11.25	11.30	11.22	12.10	11.00	11.18	11.11	11.23	11.06	11.07	11.03
Industry Standard (Awwa Benchmarking Standards)	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07



	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25
Base Flow (MGD)	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Average Daily Flow (MGD)	5.83	5.61	6.16	6.01	6.09	7.31	4.63	5.12	7.44	8.04	7.20	5.44
Monthly Rain Totals (inches)	3.14	0.08	1.04	3.57	2.25	3.75	3.75	3.1	3.1	3.1	2.94	0.86
City SewerCapacity	9.12	9.12	9.12	9.12	9.12	9.12	9.18	9.19	9.19	9.19	9.18	9.19
Inflow and Infiltration	0.33	0.11	0.66	0.51	0.59	1.81	(0.87)	(0.38)	1.94	2.54	1.70	(0.06)
Inflow and Infiltration %	6%	2%	12%	9%	11%	33%	-16%	-7%	35%	46%	31%	0%

WATER & SEWER DEPARTMENT CAPITAL IMPROVEMENT PROJECTS

CIP	Project Name	Year	Design & Construction Status	Project Estimate	FY 2026 Funds Available	Project to Date Actual Costs	Expected Start Date	Expected Completion Date
WATER								
W042	24" Transmission Main Replacement (C3683)	2007		\$ 28,800,000	\$ 632,650	\$ 15,391,589	TBD	TBD
W042	24" Transmission Main Replacement Dean Dr (C3540)		Construction contract awarded 12/23/24 to A&M Concrete. To date: 8 RFIs issued; 7 resolved. NTP issued 8/18/25. Pipeline installation commenced 9/11/25 and is approximately 15% complete (Sta. 21+14 to 24+77). A&M set the air valve structure at Sta. 21+97 and is continuing pipeline installation from Sta. 21+14 toward 0+00.	\$ 3,724,308	\$ 3,723,409	\$ 899	8/25	7/26
	Phase V-B Vint Hill Rd: from Rollins Ford Road to Silas Road (C3538)		Pipeline installation continues, approximately 87% complete (Sta. 0+68 to 53+00 and Sta. 60+89 to 63+06). Loudoun Tunneling awaiting bore pit completion (by Sagres) for final 54-inch bore at Sta. 53+35. Sagres continuing pipeline installation from Sta. 60+89 toward bore pit.	\$ 7,600,000	\$ 1,265,188	\$ 6,622,019	12/24	12/25
	Phase V-C Vint Hill: Rd from Silas Road to Sudley Manor Rd (C3539)		Limited NTP issued 4/8/24. VDOT closed all comments on 5/14/25. VDH construction permit received 6/30/25. Material deliveries to site continue. PWC Precon Meeting held 8/15/25. PWC Permits obtained 9/16/25. NTP anticipated early October.	\$ 6,900,000	\$ 4,566,796	\$ 1,966,736	10/25	7/26
W047	Finished Water Capacity Increase (C3684)	2009	Construction contract awarded 12/16/24 to CPP Construction. NTP issued 4/30/25. PWC Building Permits issued 5/28/25. Submittals continue. To date: 19 RFIs issued; 18 resolved. Storm MH 9.1 through 9.8 and RCP installed. Sludge MH 1 and 12in DIP installed. Old sludge line removed and excavation for Hypo building foundation is underway. Project is approximately 14% complete.	\$ 7,500,000	\$ 8,818,275	\$ 2,544,467	4/25	10/27
W054	Recycle Decant to the WTP (C3678)	2012	hold for new BOA	\$ -	\$ 281,903	\$ 62,004	TBD	TBD
W050	Main Replacement Looping (C3663)			\$ 400,000	\$ 858,791	\$ 3,971,446	ongoing	ongoing
	Peabody Street	2025	Design Completed Construction to Start Summer 2025	\$ 250,000		\$ -	9/25	TBD
	Hazel Drive	2025	Design Completed Construction to Start Summer 2025	\$ 250,000		\$ -	9/25	TBD
W064	Clear Well Roof (C3674)		Evaluation to start once piping for new clearwell has been completed	\$ 1,500,000	\$ 1,500,000	\$ -	TBD	TBD
W065	Clear Well Addition & Roof Replacement (C3696)	2011	Clearwell leak test completed/passed 4/17/25 and Substantial Completion achieved. Removal of silt fence completed 6/2/25. Clark pursuing close-out of permits.	\$ 4,745,563	\$ 3,611,464	\$ 1,513,510	12/20	6/26
W066	Nokesville Rd Water Main Upgrade (C3525)	2022	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. Construction placed on hold.	\$ -	\$ 56,838	\$ 369,253	TBD	TBD
W068	Interconnecting Meter Vaults (C3601)	2018	Currently investigating options for long term planning	\$ -	\$ -	\$ -	TBD	TBD
W070	Water Plant Improvements (C3602)	2018	Mud Valves for Filtes 3 and 4, Clay valve rebuilds at finished water pump house,	\$ 400,000	\$ 1,078,915	\$ 3,338,329	1/18	ongoing
W072	Surge Tank Expansion (C3519)	2021	Hold for new BOA	\$ 2,000,000	\$ 2,000,000	\$ -	TBD	TBD
W074	Enclosure Pulsator Basins at WTP (C3521)		Field meeting held 5/28/25 to restart project. Paint Restoration Plan and Logistics Plan received from Centennial 6/24/25. CoM provided comments on 6/27/25. Field meeting held 8/19/25 to discuss Paint Plan. Steel transported to shop for sandblasting/painting on 9/19/25. Installation anticipated in October.	\$ 115,000	\$ 99,587	\$ 115,513	9/25	12/25
W076	Screw Press Decant (C3522)	2021	On Hold	\$ 13,000,000	\$ 111,747	\$ 1,197,384	TBD	TBD
W078	Water Meter AMR (C3530)	2023	Installation is ongoing as AMI nodes fail		\$ 445,259	\$ 858,709		ongoing
W079	Super Pulsator PLC Replacement (C3537)		Coordinating with C&C	\$ 300,000	\$ 300,000	\$ -	TBD	TBD
W082	Remote Water Quality Monitoring (C3544)			\$ 300,000	\$ 300,000	\$ -		
W083	Dean Drive Pump Station Rehab (C3545)				\$ 845,382	\$ 30,415		
W080	Dry Structure Storage (Pole Barn) (C3547)		Hold for new BOA	\$ 200,000	\$ 200,000	\$ -	TBD	TBD
W081	Conventional Filter Underdrain Replacement (C3548)		Hold for new BOA	\$ 200,000	\$ 200,000	\$ -	TBD	TBD
W084	Boat Storage & Dock Improvements (C3549)		Hold for new BOA	\$ 300,000	\$ 300,000	\$ -	TBD	TBD
SEWER								
S016	Upper Flat Branch Interceptor Replacement (C3669)	2010	Scheduled for construction in FY26. Currently reviewing and QA/QC on existing plan	\$ 1,900,000	\$ 3,934,483	\$ 808,411	TBD	TBD
S023	Sewer Main Replacement (C3514)	2018	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 have been documented for consideration.	\$ 1,300,000	\$ 2,437,672	\$ 149,901	TBD	TBD
S026	Airport Infrastructure Improvements (C3524)	2022	Kimley-Horn 90% design for W&S.	\$ 3,800,000	\$ 3,723,065	\$ 76,935	TBD	TBD
S024	Sewer Capacity Expansion (C3526)	2022	currently on Hold	\$ 900,000	\$ 806,099	\$ 93,901	TBD	TBD

ACTION ITEMS

WATER & SEWER DEPARTMENT

- Water & Sewer sanitary system model
 - Item will remain on Action Item list