MCMUA • WATER ENGINEER'S REPORT

November 10, 2026

Prepared by: Michael McAloon, Water Engineer

Reporting period: Through October 2026 (project status through November 10, 2026)

1. Highlights for the Board

- Through October 2026 the MCMUA sold approximately 1,568.324 MG—about 120.693 MG more than the same period in 2025 and about 234.522 MG more than in 2024. The spike in Parsippany's September usage was associated with the Powder Mill Tank being offline for rehabilitation/repairs. If November and December usage is similar to 2025, total 2026 usage could exceed 1,800 MG.
- SCE participated in the Budget Committee meetings and assisted in the development of the 2027 Capital Improvement budget.
- Addressing treatment for PFAS removal continues to be the primary focus for the Water Division. SCE is prepared to present to the Board additional information about these compounds, the proposed treatment approach, and the overall project impacts.
- The Board is asked to consider Resolution No. 2026-094, authorizing Suburban Consulting Engineers, Inc. (SCE), in conjunction with the Qualified Purchasing Agent, to finalize the contract documents and publicly advertise the Flanders Valley Well #1 and Flanders Valley Well #2 PFAS Removal Project. SCE has completed the engineering design and anticipates issuance of the NJDEP Bureau of Water System Engineering (BWSE) Permit to Construct the week of November 23, 2026.
- Flanders Valley #1 and #2 Generator Replacements (Dee-En): Dee-En has been advised, in writing, that if the final punch-list items are not completed by November 13, the MUA will hire an electrician and deduct the cost from the final payment.
- Pleasant Hill Road 24-Inch PCCP Retirement – Phase II: Underground Utilities Corp. is preparing closeout documents; the Authority is not yet in a position to release the retainage.
- Mt. Olive Transfer Station Motor Control Center Improvements (Dee-En): a Release Settlement Agreement was submitted to Dee-En after the October Board meeting. Final payment of $10,348.00 will be held until a fully executed release agreement; if it is not signed, payment will not be released.

2. Operations & Activity

General system

Through the month of October 2026, MCMUA sold approximately 1,568.324 MG. This amount is approximately 120.693 MG more than the amount sold in the same time period in 2025 and approximately 234.522 MG more than the amount sold in the same time period in 2024. It should be noted that the spike in Parsippany's September usage (October's Board Report numbers) was associated with the Powder Mill Tank being offline for rehabilitation/repairs. If the water usage is similar to 2025 for the months of November and December, the total usage could exceed 1,800 MG.

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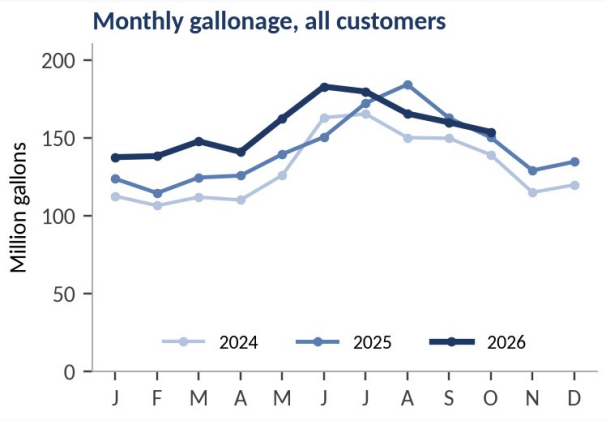
3. Key Metrics

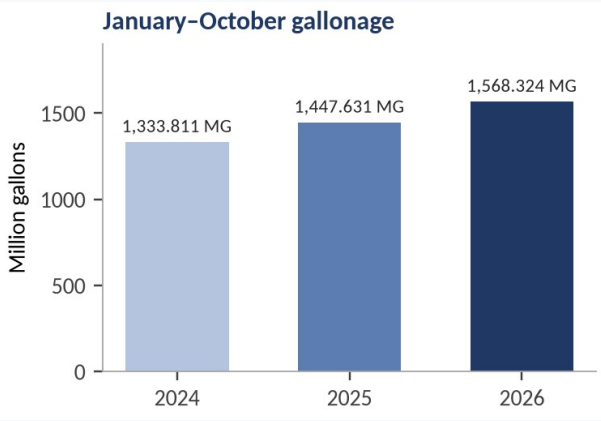
Metric	Period	Value	Comparator	Notes
Water sold (MG)	Jan–Oct 2026	approx. 1,568.324 MG	Jan–Oct 2025	+120.693 MG
Water sold (MG)	Jan–Oct 2026	approx. 1,568.324 MG	Jan–Oct 2024	+234.522 MG
Projected 2026 annual sales	Full year 2026	could exceed 1,800 MG	—	If Nov–Dec usage is similar to 2025
Customer gallonage, all customers (Appendix B)	Jan–Oct 2026	1,568,324,000 gal	—	Equals 1,568.324 MG
Customer gallonage, all customers (Appendix B)	Jan–Oct 2025	1,447,631,000 gal	—	Sum of monthly totals
Customer gallonage, all customers (Appendix B)	Jan–Oct 2024	1,333,811,000 gal	—	Sum of monthly totals

Source: Water Engineer's Report; Appendix B Water Gallonage Production Report (January–October 2026).

At a Glance — Water Gallonage

AT A GLANCE Water Gallonage





- Customers used 1,568,324,000 gallons in January–October 2026, against 1,447,631,000 in the same months of 2025 and 1,333,811,000 in 2024 (sums of Appendix B monthly totals).
- The Water Engineer's Report gives approximately 1,568.324 MG through October 2026 (+120.693 MG vs 2025; +234.522 MG vs 2024).
- Parsippany's September usage spike (shown in the October Board report numbers) was associated with the Powder Mill Tank being offline for rehabilitation/repairs.
- If November and December usage is similar to 2025, total 2026 usage could exceed 1,800 MG.

Source: Water Engineer's Report; Appendix B Water Gallonage Production Report (January–October 2026).

4. Projects & Capital Work

Project	Contractor	Original contract	Value of work complete	% complete	Status
Flanders Valley #1 and #2 Generator Replacements	Dee-En	$520,798.00	$497,085.11	95%	Punch list deadline Nov 13; otherwise MUA hires electrician and deducts cost
Pleasant Hill Road 24-Inch PCCP Retirement – Phase II	Underground Utilities Corp.	$1,309,045.00	$1,180,373.83	90.1%	Closeout documents in process; retainage not yet released
Mt. Olive Transfer Station Motor Control Center Improvements	Dee-En	Not stated in this report	Not stated in this report	Not stated	Release Settlement submitted; final payment $10,348.00 held pending executed release
Alamatong Well #4 and #5 Electrical Improvement Project	Sovereign Consulting, Inc.	$1,225,000.00	$323,281.17	26.3%	Awaiting SCADA (mid-November); complete Well #5, then Well #4
Mt. Arlington Pump Replacement	John Garcia Construction	Not stated in this report	Not stated in this report	Not stated	Shop drawings provided; pump released for fabrication

Flanders Valley Well #1 and Well #2 PFAS Removal

SCE has completed the engineering design and anticipates issuance of the NJDEP Bureau of Water System Engineering (BWSE) Permit to Construct the week of November 23, 2026. Resolution No. 2026-094 is presented for Board consideration to authorize Suburban Consulting Engineers, Inc., in conjunction with the Qualified Purchasing Agent, to finalize the contract documents and publicly advertise the Flanders Valley Well #1 and Flanders Valley Well #2 PFAS Removal Project.

Flanders Valley #1 and #2 Generator Replacements

Dee-En has been advised, in writing, that if the final punch list items are not completed by November 13, then the MUA will hire an electrician, and the cost to correct the remaining punch list items will be deducted from the final payment to Dee-En.

Project Completion Summary Through November 10, 2026

Contract Start Date	May 13, 2024
Original Contract Completion Time	365 Calendar Days
Days Elapsed	366 (100%)
Days Remaining	0 (0%)
Original Contract Completion Date	May 13, 2025

Project Financial Summary Through November 10, 2026

Original Contract Amount	$520,798.00
Payment Application #1	$19,230.54
Payment Application #2	$34,300.00
Payment Application #3	$42,605.50
Payment Application #4	$7,840.00
Payment Application #5	$369,082.84
Payment Application #6	$14,084.53

Total Value of Work Complete	$497,085.11
Percent of Work Complete	95%
Total Retainage to Date	$9,941.70

Pleasant Hill Road 24-Inch PCCP Retirement – Phase II

Underground Utilities Corp. is in the process of preparing all of the necessary closeout documents. While anticipated to be closed out at the October meeting, we are not in a position to release the retainage.

Project Completion Summary Through November 10, 2026

Contract Start Date	April 28, 2026
Original Contract Completion Time	120 Calendar Days
Days Elapsed	120 (100%)
Days Remaining	0 (0%)
Original Contract Completion Date	August 26, 2026

Project Financial Summary Through November 10, 2026

Original Contract Amount	$1,309,045.00
Total Value of Work Complete	$1,180,373.83
Payment Application #1	$877,705.24
Payment Application #2	$134,203.79
Payment Application #3	$144,857.32
Percent of Work Complete	90.1%
Total Retainage to Date	$23,607.48

Mt. Olive Transfer Station Motor Control Center Improvements

Following the October Board meeting, a Release Settlement Agreement was prepared and submitted to Dee-En. The release of the final payment, in the amount of $10,348.00, will be held until a fully executed release agreement. In the event it is not signed, payment will not be released.

Alamatong Well #4 and #5 Electrical Improvement Project

Sovereign Consulting, Inc., is awaiting the final delivery of the replacement SCADA equipment, which is anticipated to arrive in mid-November. The Contractor will work to complete the work at Alamatong Well #5, then proceed to Well #4.

Project Completion Summary Through November 10, 2026

Contract Start Date	March 23, 2026
Original Contract Completion Time	365 Calendar Days
Days Elapsed	232 (63%)
Days Remaining	133 (37%)
Original Contract Completion Date	March 23, 2027

Project Financial Summary Through November 10, 2026

Original Contract Amount	$1,225,000.00
Payment Application #1	$84,280.00
Payment Application #2	$118,041.00
Payment Application #3	$31,767.26
Payment Application #4	$82,727.29
Total Value of Work Complete	$323,281.17
Percent of Work Complete	26.3%
Total Retainage to Date	$6,465.62

Mt. Arlington Pump Replacement

John Garcia Construction has provided the shop drawings for the replacement pump, and has released the pump for fabrication.

5. Compliance & Regulatory

SCE has updated the MCMUA's Emergency Response Plan (ERP) and Risk and Resilience Assessment (RRA). It is necessary that these are updated in accordance with the America's Water Infrastructure Act (AWIA). In short, the MUA has a high resilience score and rank.