

MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY (MCMUA)

WATER ENGINEER'S REPORT

November 10, 2025

PROJECT STATUS

1. General System:

- A. Through the month of Oct 2025, MCMUA sold approximately **1,447.631 MG**. This amount is approximately 113.820 MG more than the amount sold in the same time period in 2024 and approximately 178.450 MG more than the amount sold in the same time period in 2023.
- B. SCE has assisted in the preparation of Annual Capital Improvement Plans, annual budgeting process. SCE is prepared to provide Rate Hearing Testimony for the 2025 Water Rate at the November meeting.
- C. SCE has submitted a request to JCP&L for the full reimbursement of the **\$13,748.69** associated with the John Garcia emergency repair work performed on Thursday September 4, 2025, as part of the Emergency and On-Call Services Contract. We will actively follow up until the MUA has received full reimbursement.

2. Flanders Valley #1 and #2 Generator Replacements

Rockwell/Turtle and Hughes has furnished and installed the failed Silicon Controlled Rectifier (SCR) device which controls the voltage applied to a motor during start-up, allowing for a gradual increase to full voltage. Unfortunately, during start-up and testing of the well pump following the installation of this component, we experienced a complete motor failure of the existing motor. Independent Meggar testing was performed on the motor when the issues first arose which did not indicate there was a problem with the motor, however, it is necessary that this motor is replaced. Additionally, the final startup, synchronization and sequencing of the electrical breakers at the facility is awaiting the replacement of this motor

Project Completion Summary Through November 10, 2025

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, 2025

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

3. Pleasant Hill Road 24-Inch PCCP Retirement – Phase I

Underground Utilities Corp. is currently awaiting the necessary materials to perform a wet tap and line stop; two remaining components of the project that are necessary to be completed. The wet tap to make the final connection to the existing main, and the line stop to perform the necessary isolation of the pipeline to facilitate the necessary cutting and capping of the old pipeline. Currently these materials are anticipated to arrive in early November. The work will be coordinated and scheduled.

Township of Randolph has formally requested additional temporary asphalt pavement be installed above the trenches, prior to the Phase II project, which will include a full 2” mill and repaving from edge of pavement to edge of pavement. A field meeting was held on Tuesday, October 14, with representatives from MCMUA, SCE, the Contractor, as well as Randolph to further discuss scope and schedule. UUC provided a price of approximately **\$37,500** to perform the additional asphalt repairs. MCMUA has respectfully requested cost contribution from Randolph to cover the additional future service stubs to allow the MUA to cover the cost of the additional paving. We are still awaiting final direction from Randolph regarding this.

Project Completion Summary Through November 10, 2025

Contract Start Date	June 23, 2025
Original Contract Completion Time	120 Calendar Days
Days Elapsed:	120 100%
Days Remaining:	0 0%
Original Contract Completion Date	October 21, 2025

Project Financial Summary Through November 10, 2025

Original Contract Amount	\$1,282,980.00
Payment Application #1	\$965,510.11
Payment Application #2	\$156,027.76
Total Value of Work Complete	\$1,121,537.87
Percent of Work Complete	89.2%
Total Retainage to Date	\$22,888.53

4. Pleasant Hill Road 24-Inch PCCP Retirement – Phase II

SCE has prepared bid documents for the Pleasant Hill Road 24-Inch PCCP Retirement – Phase II project. Below is the anticipated bid schedule:

- Publication of Notice to Bidders: Tuesday, October 14, 2025
- Bids Due: Thursday, November 20, 2025
- Contract Award: Anticipated on Tuesday, December 09, 2025

This project is a continuation of the Pleasant Hill Road 24-Inch PCCP Retirement – Phase I. The project begins at the termination point of the Phase I project, and continues the installation of 12-inch watermain to approximately 200' past Park Avenue and Pleasant Hill Road intersection. This project is critical to retire the aging 24-Inch PCCP pipeline, which had the substantial break in April of 2024. There will be a final phase of this project which completes the replacement of the final section to Dover-Chester Road.

5. Water Exploration Engineer

H2M has continued with the following work tasks:

- OPRA requests were filed with the NJDEP mid-October (immediately after MCMUA approved our request list); please note that initially, H2M had to file these requests in batches due to the OPRA office's limit on the number of requests that could be submitted per email address, per day. Due to the sheer volume of data associated with our request, DEP raised a flag and requested a meeting with H2M, wherein which we explained the goal of these requests. This has subsequently opened up a direct line of communication with the OPRA office to be able to request data in a more efficient manner, beneficial to both us and the DEP.
- DEP has provided Water Allocation Permits (WAP) data for the majority of the system requests that were put in, with the exception of the handful of systems that do not have WAPs (as they solely bulk purchase).
- H2M is currently working through this recent offload of data, permits, and associated staff reports to continue mining for information on any inactive/decommissioned wells and other useful data. Similarly to what was presented during our last workshop, H2M will map this data and continue looking for potential resources that may be beneficial to MCMUA.
- The DEP has agreed to an iterative process of data requests; as H2M digs through this first round of information, if there are opportunities for more detailed data requests that would naturally be available through OPRA, DEP can provide these additional materials to us directly, via the communication line that has been established.

Project Financial Summary Through November 10, 2025

Original Contract Amount	\$86,000.00
Payment Application #1	\$5,222.40
Total Value of Work Complete	\$5,222.40
Percent of Work Complete	6%

6. Mt. Olive Transfer Station Motor Control Center Improvements

Dee-En Electrical Contracting, Inc. is continuing coordinating a technician from the manufacturer to remediate the damage to the new Motor Control Center (MCC) cabinet. SCE will provide an update on the status at the meeting.

Project Completion Summary Through November 10, 2025

Contract Start Date	May 13, 2024
Original Contract Completion Time	240 Calendar Days
Amended Completion Time	174 Calendar Day Extension
Days Elapsed:	450 100%
Days Remaining:	0%
Original Contract Completion Date	January 8, 2025
Amended Completion Date	July 1, 2025

Project Financial Summary Through November 10, 2025

Original Contract Amount	\$159,900.00
Payment Application #1	\$7,199.08
Payment Application #2	\$1,715.00
Payment Application #3	\$17,434.20
Payment Application #4	\$57,677.90
Total Value of Work Complete	\$26,886.00
Percent of Work Complete	53.6%
Total Retainage to Date	\$1,714.82

7. 3M Aqueous Film Forming Foam Settlement –

A discussion will be held in closed session regarding the schedule and status of the next Payments.