



WASTEWATER DIVISION

Celebrating the Retirement of Larry Johnson



Wastewater Division December 2025 Statistics

- Average Influent flow- 93.58 mgd
- Average Effluent TSS – 28 mg/l
- Average Effluent BOD – 21 mg/l
- Biosolids production –During December, MCUA produced 12,777 wet tons of filter cake, all of which was processed through the dryers resulting in 3,489 wet tons of class A product.

*Rainfall for the month was 3.19 inches as measured at the Treatment Plant.

Larry began his journey with the MCUA on November 25, 1991, when he was hired as an Operator. Through hard work and a strong understanding of operations, he advanced to Operator Class A on October 30, 1995. His leadership abilities and experience were further recognized on October 1, 2001, when he was promoted to Shift Supervisor—a role in which he has continued to serve with reliability and pride.

Over more than three decades, Larry has been a constant presence at the MCUA, contributing to the organization's success and supporting the day-to-day operations that keep everything running smoothly. His knowledge, dependability, and willingness to lead by example have earned him the respect of his colleagues and supervisors alike.

As Larry enters retirement, we thank him for his 34 years of service and dedication to the MCUA. His contributions have left a lasting impact, and he will be missed by all who had the pleasure of working alongside him.

We wish Larry the very best in this next chapter and hope his retirement is filled with happiness, relaxation, and new adventures. Congratulations, Larry!



SOLID WASTE DIVISION

MCUA's Visit to ACUA's Landfill



Solid Waste Division December 2025

Year	Monthly Tons	Cumulative Tons
2025	44,574	509,532
2024	40,851	515,777

An average of 252 trucks hauled an average of 1,714 tons of waste to the Landfill facility each day.

As part of ongoing Landfill Safety initiatives, including a renewed focus on Landfill Workforce Traffic Control, representatives from the Middlesex County Utilities Authority recently visited the Atlantic County Utilities Authority (ACUA) Landfill. The visit followed ongoing discussions with Skyline Environmental and included Marc Matuszkiewicz, Landfill Operations Superintendent, and Brian Murray, Landfill General Superintendent, with the goal of observing operational best practices and safety measures at a comparable New Jersey facility.

The ACUA Landfill is a municipal solid waste disposal facility serving Atlantic County and portions of neighboring counties. It is located within the Howard "Fritz" Haneman Environmental Park, a comprehensive waste management campus that also houses a transfer station, recycling center, and composting facility. The landfill's operational footprint spans more than 100 acres and rises approximately 145 feet above ground, reflecting decades of phased development and expansion.

Originally constructed with its first cells in 1991, the landfill has evolved into a modern, engineered facility. It features primary and secondary liner systems, leachate collection, and other environmental safeguards designed to protect groundwater and surrounding ecosystems. The Middlesex County Landfill utilizes similar environmental protections, including dual liner systems and leachate collection infrastructure, reinforcing a shared commitment to regulatory compliance and long-term environmental stewardship.

One of the most distinctive aspects of the ACUA Landfill is its nighttime operating schedule. Unlike most landfills, municipal solid waste is placed and covered after sunset and before sunrise. This approach is not intended for public access, but rather for the controlled handling of waste. The landfill's proximity to Atlantic City International Airport and nearby military air facilities makes bird control a critical safety concern. Operating at night—when bird activity is significantly reduced—helps minimize the attraction of gulls and other scavenging birds, thereby reducing the risk of dangerous bird-aircraft strikes during daytime flight operations.

Operating heavy equipment overnight presents its own challenges, which ACUA addresses through enhanced lighting, strict safety protocols, and coordinated shift operations. Observing these procedures provided valuable insight into how other successful New Jersey landfills manage complex safety and operational demands. Learning from facilities like ACUA continues to strengthen and inform the safety practices implemented at the Middlesex County Utilities Authority, reinforcing a culture of continuous improvement across operations.

TRAINING SCHEDULE

FEBRUARY TRAINING: OUTDOOR WORK/HEAT STRESS

DATE	TIME	LOCATION	DEPT
FEB 10TH	7:30 AM, 9:30 AM, 12 PM, 2 PM	PUBLIC MEETING ROOM	MAINT. OPS. DUO. IT/OT, L&M, ADMIN
*FEB 12TH	7:30 AM, 9:30 AM, 12 PM, 2 PM	PUBLIC MEETING ROOM/ANNEX	MAINT. OPS. DUO. IT/OT, L&M, ADMIN
FEB 17TH	7:30 AM, 9:30 AM, 12 PM, 2 PM	PUBLIC MEETING ROOM	MAINT. OPS. DUO. IT/OT, L&M, ADMIN
FEB 19TH	7:30 AM, 9:30 AM, 12 PM, 2 PM	PUBLIC MEETING ROOM	MAINT. OPS. DUO. IT/OT, L&M, ADMIN
FEB 24TH	7:30 AM AND 9:30 AM ONLY	PUBLIC MEETING ROOM	MAINT. OPS. DUO. IT/OT, L&M, ADMIN

Please note the 2 PM class on 2/12 will be held in the Annex Conference Room



WHO'S WHO OF THE MCUA?

Melissa Goy

Title: Secretary/Clerk

How long have you been with the Authority: 8 years

Hobbies Outside of Work: Spending time with my daughter, going for walks & baking