



## WASTEWATER DIVISION

### MCUA's RNG Plant Recognized by NJ Alliance for Action



#### Wastewater Division April 2026 Statistics

- Average Influent flow-88.30 mgd
- Average Effluent TSS – 67 mg/l
- Average Effluent BOD – 28 mg/l
- Biosolids production –During April, MCUA produced 7,390 wet tons of filter cake, all of which was processed through the dryers resulting in 2,269 wet tons of class A product, and 4,188 wet tons of class B product.

\*Rainfall for the month was 2.24 inches as measured at the Treatment Plant.

The Middlesex County Utilities Authority's Renewable Natural Gas (RNG) Plant has been honored with the "New Jersey's Leading Capital Construction Projects Award" at the 15th Annual New Jersey's Leading Capital Construction Projects Awards, hosted by the NJ Alliance for Action. The recognition highlights the plant as one of the state's most impactful and forward-thinking infrastructure initiatives.

This award is given to projects that demonstrate innovation, economic value, and long-term benefits to New Jersey's communities. By converting wastewater byproducts into clean, renewable energy, the RNG plant represents a major step toward sustainability while also reducing operational costs and environmental impact.

More broadly, the award underscores how strategic capital construction projects can drive economic growth across the state. Investments like the RNG facility not only modernize critical infrastructure but also position New Jersey as a leader in clean energy and environmental stewardship. Through initiatives like this, the state continues to build a more sustainable and economically robust future.



## SOLID WASTE DIVISION

### Cell 7 Landfill Closure Project



#### Solid Waste Division April 2026

Year	Monthly Tons	Cumulative Tons
2026	47,604	162,673
2025	44,631	154,720

An average of 289 trucks hauled an average of 1,831 tons of waste to the Landfill facility each day.

The Cell 7 project at the Middlesex County Landfill involves installation of a new gas collection system and construction of Final Side Slope closure over Landfill Cell 7.

The new gas collection system includes the installation and interconnection of landfill gas collection header, compressed air line and force main piping, condensate pumping stations, and pump installations. As well as decommissioning of existing landfill gas wells, and interconnection of existing landfill gas wells.

The final closure portion entails installation of a contact water management system, final cap lining system, stormwater management system, drainage piping and structures, and erosion protection measures over approximately 23.6 acres on the Landfill, as well as the reconstruction of two (2) existing downchutes at a previously closed portion of the Landfill.

The final closure is required to minimize the leachate generation, manages landfill gas, ensure slope stability and control erosion.

This contract was awarded to Barbella Construction Services (BCS), with a notice to proceed issued on April 20. Shortly after, the preconstruction meeting was held on April 29, 2026, BCS mobilized on site, placed their heavy equipment at the Workface and began the contact water system improvements.

# TRAINING SCHEDULE

## JUNE TRAINING: CONFINED SPACE ENTRY

DATE	TIME	LOCATION	DEPT
JUNE 9TH 2026	7:30 AM, 9:30 AM, 12PM, 2PM	PUBLIC MEETING ROOM	MAINTENANCE
JUNE 11TH 2026	7:00 AM	MELROSE METER	LINES & METERS
JUNE 16TH 2026	7:30 AM, 9:30 AM, 12PM, 2PM	PUBLIC MEETING ROOM	MAINTENANCE
JUNE 18TH 2026	7:30 AM, 9:30 AM, 12PM, 2PM	PUBLIC MEETING ROOM	MAINTENANCE
JUNE 23RD 2026	7:30 AM, 9:30 AM	PUBLIC MEETING ROOM	MAINTENANCE

Welcome New Employees!

William Lupo – Construction Manager

### **Brenda Albin**

**Title:** Laboratory Technician I

**Any Previous Titles:** Secretary/Clerk - EQ

**How long have you been with the Authority:**  
21 years

**Hobbies Outside MCUA:** Nature hikes, visiting antique shops and flea markets. Exploring different cultures and cuisines as well as spending time with my grandchildren!



**WHO'S WHO  
OF THE  
MCUA?**