



WASTEWATER DIVISION

Operations Building Roof Restoration Completed

The restoration of the Operations Building roof was recently completed at a cost of \$223,000. EI Associates was the architect and WTI/Tremco was the contractor that performed the work. The scope of the project included roof section cutouts and replacement, roof cleaning, and the application of a white liquid roofing material. Flashing around the building was also replaced. This work corrected the issues of rainwater leaking into the building. The pictures below show the "before" black roof and the "after" with the new white liquid roof material applied.



Wastewater Division March 2022 Statistics

- Average Influent flow – 103.15 mgd
- Average Effluent TSS – 12 mg/l
- Average Effluent BOD – 9 mg/l
- Biosolids production – 15,678 wet tons of dewatered filter cake. The entire amount was processed through the dryers, resulting in 5,163 wet tons of class A biosolids.

Rainfall for the month was 4.04 inches as measured at the Treatment Plant.

Solid Waste Division March 2022

Tonnage Figures

Monthly Cumulative Tons Tons

2022	45,763	116,528
2021	42,914	102,997

An average of 240 trucks hauled an average of 1,695 tons of waste to the Landfill facility each day.

EARTH DAY

APRIL 22, 2022



MCUA's Evolving Role in Protecting the Environment

During the 70 years since MCUA was created, the role that it has played in protecting Central New Jersey's environmental resources continues to evolve. Protecting the region's waterways, managing wastewater treatment and the solid waste disposal needs of our residents is always at the center of who we are. In 2022, MCUA continues to demonstrate stewardship of the environment. Several additional steps MCUA is taking include:

Expanding the use of solar energy.

Continued commitment to turn landfill gas into a green power source to operate the Wastewater complex in Sayreville.

Exploring wind power as an energy source.

Creating ways to reuse effluent.

Determining how MCUA can best fit into the world of food waste recycling.

Providing MCUA property for municipal leaf and composting opportunities.