



SOLID WASTE AND WASTEWATER DIVISIONS



Earth Day 2018:

MCUA Continues to Make Raritan Waterways Cleaner

On April 22, Earth Day, the MCUA marked its ongoing commitment to preserving and protecting central New Jersey's environmental resources. A top priority includes keeping our region's waterways clean. The MCUA uses a multifaceted approach to meet this mission including the best in science and technology, good planning, and funding for significant improvements.

Each year, the MCUA performs more than 10,000

tests in its Laboratory to ensure the MCUA's effluent and biosolids meet all regulatory requirements. The MCUA employs the use of trash netting to keep litter contained at the Middlesex County Landfill and also regularly cleans and clears its easements along the waterways it uses. In 2017, the MCUA began the major rehabilitation of its Edison and Sayreville Pump Stations to ensure their continued efficient and compliant use. Several of these activities are profiled below.





MCUA meter chamber before clean-up.



MCUA meter chamber after clean-up.

MCUA Cleans Up Easement Sites Along the Region's Waterways

As part of their ongoing efforts to not only preserve and protect the region's natural environment, but also maintain and safeguard infrastructure, the MCUA staff regularly perform clean-ups of the easements throughout the county and region that surround MCUA's meter chambers and outlets.

MCUA Pump Station Rehabilitation Progresses

Project Contributes to the Long-Term Health of the Waterways



MCUA's Edison Pump Station

Wastewater Division

March 2018 Statistics

- Average Influent flow – 140.83 mgd
- Average Effluent TSS – 25 mg/l
- Average Effluent BOD – 11 mg/l
- Biosolids production – 16,231 wet tons, a 5.7% increase over the five-year average. The entire amount was processed through the dryers.

**Rainfall for the month was 4.90 inches as measured at the treatment plant.*

Solid Waste Division

March 2018 Tonnage Figures

	Monthly Tons	Cumulative Tons
2018	39,692	114,404
2017	41,111	112,708

An average of 224 trucks hauled an average of 1,470 tons of waste to the Landfill facility each day.