



SOLID WASTE DIVISION

Online Videos Highlight MCUA Processes

It's one thing to read about the innovative processes the Middlesex County Utilities Authority has implemented to properly manage solid waste and treat wastewater. It's an entirely different experience to see these processes in person. For those who cannot experience the latter, the MCUA gladly offers the next best thing: in-depth videos showing just how the Authority operates.

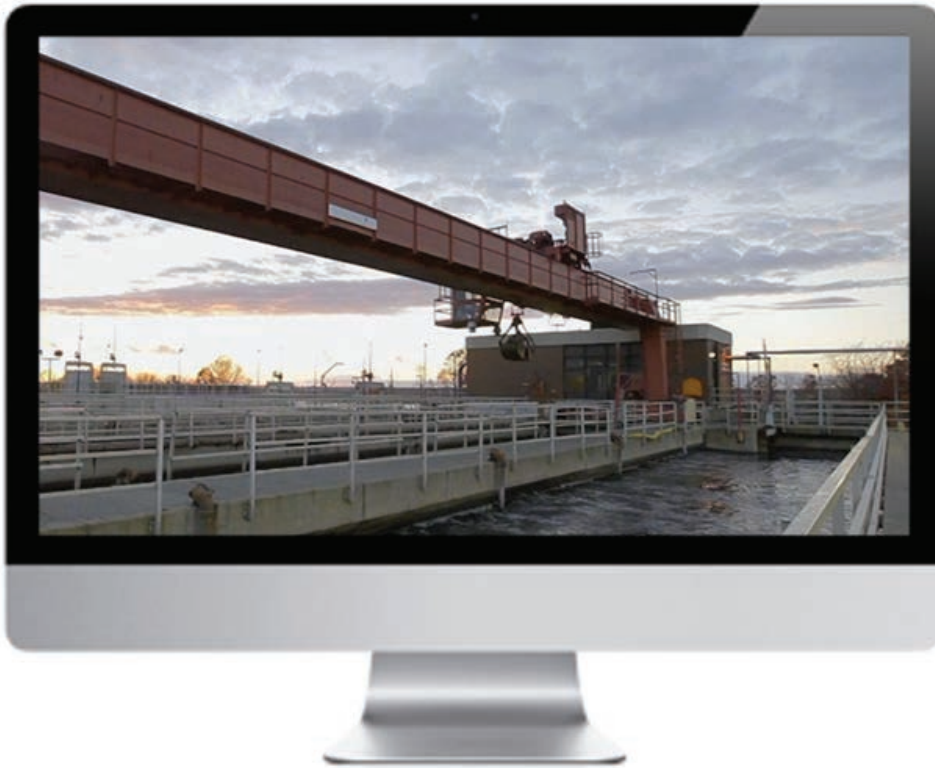
The MCUA's website features three videos that provide viewers with an in-depth look at the MCUA's work.

Available on the MCUA's website (www.MCUA.com), three videos detail different elements of the waste management and water treatment processes. The first video, commissioned by the MCUA last year, shows and explains every step in the Landfill Gas-to-Energy process. The five and a half-minute video takes viewers from the workface of the Middlesex County Landfill in

East Brunswick, to the vacuum pumps that capture methane gas, to the gas turbine generator at the Wastewater Treatment Facility in Sayreville.

The other two videos, created by NJ.com, an affiliate of the Star-Ledger, focus on how landfills are operated and how wastewater is treated. The videos feature Brian Murray, Landfill General Superintendent, and Victor Santamarina, Superintendent at the Wastewater Treatment Facility.

To access the videos, go to MCUA.com, click on News & Publications, and select the Videos option.



Solid Waste Division

February 2015 Tonnage Figures

	Monthly Tons	Cumulative Tons
2015	28,940	65,113
2014	30,626	68,979

An average of 184 trucks hauled a total of 1,258 tons of waste to the landfill facility each day.

WASTEWATER DIVISION

MCUA Lab Earns High Scores

The MCUA laboratory was informed by the New Jersey Department of Environmental Protection Office of Quality Assurance that it performed acceptably on all parameters required to be analyzed on proficiency test samples in last year's Solid Waste/Hazardous Waste Proficiency Test Study to maintain its NJDEP Laboratory Certification.

In keeping with the MCUA's continued adherence to the NJDEP laboratory quality control measures to ensure quality data is obtained for all parameters analyzed on wastewater and solid samples received by the laboratory that it is certified to perform, the MCUA's Laboratory staff successfully analyzed the proficiency test samples for corrosivity/ph, cyanide, metals and oil and grease. The MCUA proficiency test sample provider and evaluator, ERA, deemed the laboratory staff performance on the Solid Waste/Hazardous Waste Proficiency Test Study "Excellent".

The MCUA laboratory performs over 10,000 analyses a year to determine that its effluent and biosolids meets all regulatory quality requirements.

The Middlesex County Utilities Authority Laboratory.



Wastewater Division

February 2015 Statistics

- Average Influent flow – 104.99 mgd
- Average Effluent TSS – 21 mg/l
- Average Effluent BOD – 12 mg/l
- Biosolids production – 11,808 wet tons, a 12% decrease over the five-year average. The entire amount was processed through the dryers.

**Rainfall for the month was 1.41 inches as measured at the plant.*