



SOLID WASTE DIVISION



New Wheel Wash Facility Installed at Landfill

This month, the MCUA installed a new wheel wash facility for trucks exiting the area around the Middlesex County Landfill. The facility, which replaces an older wheel wash facility, cleans the tires of garbage trucks, dump trucks, and other

vehicles as they leave the Landfill to prevent the off-site tracking of mud.

Just last month, an average of 261 trucks hauled waste to the Landfill each day. The new facility is equipped to handle this volume.

The wheel wash facility, which is required to remain in compliance with the MCUA's operating permits, was installed during a recent paving project at the Landfill.



Construction of the wheel wash facility at the Middlesex County Landfill.

Solid Waste Division

May 2016 Tonnage Figures

	Monthly Tons	Cumulative Tons
2016	48,494	208,721
2015	53,297	213,856

An average of 261 trucks hauled a total of 1,940 tons of waste to the landfill facility each day.

WASTEWATER DIVISION

MCUA Lab Staff Earns High Scores For Testing Proficiency

The MCUA Laboratory last month learned it achieved 100% accuracy in the 2016 Water Pollution Proficiency Testing Program conducted by Environmental Resource Associates (ERA). As a result of the high score, the Laboratory has been deemed a Laboratory of Excellence. A total of 965 laboratories across the country participated in the test.

The MCUA is committed to adhering to the NJDEP laboratory quality control measures, including analyzing and reporting on quality data. As part of the test, the MCUA Laboratory staff successfully analyzed test samples for acidity, complex nutrients, minerals, trace metals, pH, and oil and grease, among others.

The MCUA Laboratory operates in a safe, efficient, and technically precise manner, and performs more than 10,000 analyses a year to determine that the MCUA's effluent and biosolids meet all regulatory quality requirements.



The Middlesex County Utilities Authority Laboratory.



Wastewater Division

May 2016 Statistics

- Average Influent flow – 92.82 mgd
- Average Effluent TSS – 24 mg/l
- Average Effluent BOD – 17 mg/l
- Biosolids production – 15,245 wet tons, a 2.3% decrease over the five-year average. The entire amount was processed through the dryers.

*Rainfall for the month was 5.05 inches as measured at the plant.