



WASTEWATER DIVISION

Update on Sayreville Pump Station Project



Repairs at the Sayreville Pump Station have been underway for several months. The project includes improvements to the electrical systems and the construction of a perimeter flood wall that will be approximately 1,700 feet long and constructed with a designed top elevation of 21 feet above sea level.

The MCUA, with support from the Middlesex County Board of Freeholders, worked with the New Jersey Environmental Infrastructure Trust (NJEIT) and leveraged a grant from the Federal Emergency Management Agency (FEMA) to assist in the funding of this work. The contractor is Northeast Remsco Construction, Inc.

Wastewater Division

August 2017 Statistics

- Average Influent flow – 105.06 mgd
- Average Effluent TSS – 23 mg/l
- Average Effluent BOD – 12 mg/l
- Biosolids production – 15,877 wet tons.
The entire amount was processed through the dryers.

**Rainfall for the month was 7.22 inches as measured at the plant.*

SOLID WASTE DIVISION

New D7 Bulldozer at Landfill

The MCUA recently deployed a new Caterpillar D7 medium bulldozer at the Middlesex County Landfill, replacing a dozer that was in operation for more than ten years. Dozers at the Landfill operate almost every day of the year under difficult work conditions, unless they are being serviced.



SWANA Recognizes MCUA's Next Generation of Talent

The Solid Waste Association of North America (SWANA) is an organization of more than 9,000 public and private sector professionals committed to advancing the practice of environmentally and economically sound municipal solid waste management.

SWANA has a New Jersey chapter which recently awarded a scholarship prize to Thomas Murray, son of Middlesex County Landfill Superintendent Brian Murray, based on his application and essay related to sanitary landfill operations.

Murray is now a freshman at Ohio University where he is studying

electrical engineering and computer engineering.

In his application essay, Murray explained that, "I have had the good fortune to see what an efficiently run and regulated solid waste disposal facility can do for our environment. We must strive to make the solid waste industry more efficient within the upcoming decades and continue to reduce, reuse and recycle."

In their congratulatory letter to Murray, SWANA Scholarship Committee Chair David Specca said that, "[our] members recognize the importance of providing assistance to promote the higher education of our

next generation of professionals, both in our industry and in our society in general.

Solid Waste Division August 2017 Tonnage Figures

	Monthly Tons	Cumulative Tons
2017	50,017	367,420
2016	46,978	352,574

An average of 254 trucks hauled an average of 1,852 tons of waste to the Landfill facility each day.