



## SOLID WASTE DIVISION

# Renewal of Disposal Agreements For Landfill Begins

With the MCUA's current Solid Waste Disposal Agreements expiring at the end of this year, the Solid Waste Division has begun the process of sending out new disposal agreements to Middlesex County Landfill customers.

The new contracts, which are three years in length, will offer two annual tip fees based on the amount of waste haulers agree to bring to the Middlesex County Landfill. Both of these new rate levels will be lower than the 2016 per ton Gate Rate.

The first rate level, also known as

the Tier 1 rate, is designed for haulers that commit to bringing all of their Middlesex County-generated waste to the Middlesex County Landfill. It guarantees a per-ton tip fee of \$63.75 in 2016, \$64.75 in 2017, and \$65.75 in 2018. The second rate level, known as the Tier 2 tip fee, is for haulers that commit to a specific annual amount of waste that may not be all of their Middlesex County-generated waste. The Tier 2 rate is \$66.75 per ton in 2016, \$67.75 in 2017, and \$68.75 in 2018. Both agreements require haulers to commit to bringing a minimum

of 1,000 tons of waste to the Landfill annually in order to be eligible to participate in the program.

Approximately 40% of the per ton tip fee is used to pay State Taxes, Host Community Benefits and to support the Middlesex County Health Department and Recycling Programs.

The new contracts will be in effect from January 1, 2016 through December 31, 2018. With these three-year contracts, the MCUA will be better able to predict waste levels, guarantee a steady revenue stream, and make informed budgetary decisions. Likewise, this program allows for private and government customers to make more informed budget and planning decisions for future years.

The Middlesex County Landfill.



### Solid Waste Division

#### September 2015 Tonnage Figures

	Monthly Tons	Cumulative Tons
2015	47,834	418,930
2014	47,820	401,992

An average of 248 trucks hauled a total of 1,840 tons of waste to the landfill facility each day.

## WASTEWATER DIVISION

# FEMA Grants \$66 Million to MCUA Resiliency Project

The Federal Emergency Management Agency (FEMA) earlier this month awarded the State of New Jersey more than \$66 million to assist the Middlesex County Utilities Authority (MCUA) with construction of flood walls and related infrastructure work that will protect its Sayreville and Edison Pump Stations from severe storms and flooding.

The two pump stations experienced significant damage as a result of Hurricane Sandy.

The federal funding, as well as more than \$150 million in available state financing through the Environmental Infrastructure Trust, will allow the MCUA to construct flood walls around both pump stations and support related infrastructure improvements.

Approximately \$55.5 million of the \$66 million in FEMA dollars will

be dedicated to the Sayreville Pump Station, with the remainder for the Edison Pump Station.

“The DEP, in partnership with the New Jersey Environmental Infrastructure Trust, has been working very closely with the MCUA and numerous other facilities,” said Department of Environmental Protection Commissioner Bob Martin. “[We are doing this] so that we minimize the potential impacts of flooding and the chances of having the widespread service disruptions and environmental impacts that we experienced during Sandy.”

“We are grateful for the Hazard Mitigation portion of the FEMA grant funding as it puts us on a path toward greater resiliency for our critical wastewater pumping infrastructure,” said Richard Fitamant, Executive Director of the MCUA. “Mitigating the effects of severe

weather events is more pressing every year, so we look forward to better safeguarding our neighbors, the natural environment, and all those we serve.”

The new flood walls and related infrastructure will be designed to protect against a 1-in-500-year flood event.

The proposed perimeter flood wall for the Sayreville Pump Station will be approximately 1,700 feet long and constructed with a designed top elevation of 21 feet above sea level. The actual height of the wall will range from five feet to nearly 14 feet above grade, accounting for the existing elevations above sea level of the surface of the ground.

The Edison Pump Station’s proposed perimeter flood wall will be approximately 650 feet long with a design top elevation of 23 feet above sea level.



Damage from Hurricane Sandy at the Sayreville Pump Station.

## Wastewater Division

### September 2015 Statistics

- Average Influent flow – 83.07 mgd
- Average Effluent TSS – 25 mg/l
- Average Effluent BOD – 18 mg/l
- Biosolids production – 12,858 wet tons, a 6.4% increase over the five-year average. The entire amount was processed through the dryers.

\*Rainfall for the month was 2.51 inches as measured at the plant.