



SOLID WASTE DIVISION

Upgrades to Stormwater System Begin at Landfill

Work officially began late this summer on the new stormwater retention pond at the Landfill.

The pond will hold water only after major rain events and it includes a piping system to discharge the water to the leachate conveyance line and process it at the MCUA's Wastewater Treatment Plant.

"Installing a new, fully functional retention pond is smart planning, but especially in light of the more severe weather events we've seen in the last several years" explained Richard Fitamant, Executive Director of the MCUA. "The pond is part of an overall system that will allow us to more efficiently manage stormwater from the Landfill."



Construction begins on the new stormwater retention pond at the Landfill.



Solid Waste Division

August 2014 Tonnage Figures

	Monthly Tons	Cumulative Tons
2014	45,138	354,172
2013	50,378	371,643

An average of 250 trucks hauled a total of 1,806 tons of waste to the landfill facility each day.

WASTEWATER DIVISION

MCUA Partners with County Mosquito Commission to Enhance Services

The MCUA last month began allowing the Middlesex County Mosquito Extermination Commission to land and refuel its pesticide-spraying helicopter in a field just south of the final settling tanks at the Central Treatment Plant in Sayreville.

The Commission provides a critical community service by applying “larvicide by helicopter to non-residential areas including marshes, wetlands and other natural areas, which are common breeding grounds for mosquitoes.”

The helicopter, which is used in place of ground vehicles as many of the locations are inaccessible or otherwise too vast, has limited flight time and must frequently refuel and reload the pesticide, making the

landing site particularly important.

“Any time we can partner with another agency to maximize our services to the community, we are pleased to do it,” said Richard Fitamant, Executive Director of the MCUA. “By controlling Middlesex County’s mosquito population, the Commission is contributing to a healthier, more vibrant environment for people, which is consistent with our own work at the MCUA.”

The Middlesex County Mosquito Extermination Commission was created by Middlesex County in 1914 to protect the citizens and visitors of Middlesex County from mosquito-borne diseases such as West Nile Virus and to minimize the negative impact of nuisance mosquitoes on outdoor recreational activities.



Wastewater Division

August 2014 Statistics

- Average Influent flow – 86.06 mgd
- Average Effluent TSS – 21 mg/l
- Average Effluent BOD – 16 mg/l
- Biosolids production – 12,235 wet tons, a 10.8% decrease over the five-year average. The entire amount was processed through the dryers.

**Rainfall for the month was 1.66 inches as measured at the plant.*