



SOLID WASTE DIVISION

Landfill Waste Levels Remain Stable

Waste levels at the Middlesex County Landfill continue to be relatively stable for the first six months of 2016. When compared to the same time frame last year, this year's tonnage is slightly lower. Cumulative tons through June are 272,011 compared to last year's 260,830. The ongoing improvement in the economy as well as the MCUA's three-year Solid Waste Disposal Agreements are both elements that have contributed to the current stability.



Solid Waste Division

June 2016 Tonnage Figures

	Monthly Tons	Cumulative Tons
2016	53,195	261,916
2015	58,155	272,011

An average of 273 trucks hauled a total of 2,046 tons of waste to the landfill facility each day.

WASTEWATER DIVISION

MCUA Continues Collaboration with Harbor Dischargers Group



The MCUA knows that collaboration among community partners is the key to effective environmental intervention. That is why the MCUA is an active participant in the New York-New Jersey Harbor Estuary Program and the Harbor Dischargers Group, through which it works with other wastewater treatment agencies to

identify the best ways in which to purify water.

The Harbor Dischargers Group is now engaging the Great Lakes Environmental Center to conduct a study of water purification and its impact on the Hackensack River. The group members will be able to compare and contrast findings from the study with its own water

treatment processes to ensure maximum effectiveness.

In just the last few years, numerous species have returned to the Raritan Bay, including a humpback whale last fall. Additionally the area around the Raritan Bay and around the Middlesex County Landfill, remains a popular spot for local bird watchers.



Wastewater Division

June 2016 Statistics

- Average Influent flow – 87.06 mgd
- Average Effluent TSS – 23 mg/l
- Average Effluent BOD – 14 mg/l
- Biosolids production – 15,582 wet tons, a 5.7% increase over the five-year average. Approximately 14,891 tons (96%) were processed through the dryers, 691 tons (4%) were lime-stabilized and disposed out of state. Dryer operation was impacted by instrumentation issues with RTO #2 June 5–9.

*Rainfall for the month was 1.79 inches as measured at the plant