



## SOLID WASTE DIVISION

# MCUA Thanks Roberts for 32 Years of Service



Executive Director Richard Fitamant thanks Tom Roberts for his years of service.

The Middlesex County Utilities Authority congratulates Thomas Roberts, the Landfill's Field Foreman, on his retirement, and thanks him for his years of service.

Tom started with the Wastewater Division in January 1983, first in the Maintenance Department and then as an Operator. In January 1988, he resigned from the Wastewater Division and was appointed to the Solid Waste Division as Field Inspector at the Middlesex County Landfill. He became Field Foreman in January 1992, a position he held until his retirement this year.

"Tom is one of the few individuals who has supported the MCUA in both the Solid Waste and Wastewater Divisions, and he has been a key member of the Landfill staff," said Richard Fitamant, the MCUA's Executive Director. "Given his wide experience and more than three decades of dedicated service, he will be missed greatly. We wish him well in his retirement."



## Alliance for Action Recognizes Landfill Project

The Middlesex County Utilities Authority thanks the Landfill staff and its consulting engineer, French & Parello Associates, for their work in the design and construction of Cells 7, 8, and 9 at the Landfill. The New Jersey Alliance for Action has called the work a sound infrastructure investment, and recognized French & Parello at an awards breakfast earlier this year.

WASTEWATER DIVISION



# Work Begins on Solar Project

Preliminary site work began this month on the construction of a solar array at the MCUA's Central Treatment Plant in Sayreville. Solar panels will be installed across a combined 25 acres, split between an area just north of the Plant and another just to the south.

The project developer has been on-site staking ground for the installation, with panels expected to be in place in roughly one month's time.

The solar panels are expected to generate enough energy to save the MCUA roughly \$1.6 million over the project life, while also reducing the MCUA's carbon

footprint. The panels will complement the MCUA's existing energy-saving initiatives, namely the Landfill Gas-to-Energy system, which generates electricity from methane gas that would otherwise escape into the atmosphere.

Energy from the solar panels will help power the Central Treatment Plant, the Administration Building, the location where the solar panels are installed, the Edison Pumping Station, and—through a separate agreement—the Middlesex County Fire Academy.

“The installation of solar panels at the MCUA is an extension of our active commitment to lim-

iting our environmental impact in the most cost-efficient way,” said Executive Director Richard Fitamant. “The savings generated from these solar panels will be reflected in our budget and benefit our ratepayers.”



Proposed solar panel areas at the MCUA; actual locations may differ slightly.

## Wastewater Division

### May 2015 Statistics

- Average Influent flow – 87.38 mgd
- Average Effluent TSS – 10 mg/l
- Average Effluent BOD – 13 mg/l
- Biosolids production – 17,307 wet tons, a 14% increase over the five-year average. Approximately 16,529 tons (96%) were processed through the dryers. The remaining 778 tons (4%) were lime stabilized and disposed out of state. The dryers were down from May 29th to June 5th for scheduled major maintenance.

\*Rainfall for the month was 2.58 inches as measured at the plant.

## Solid Waste Division

### May 2015 Tonnage Figures

	Monthly Tons	Cumulative Tons
2015	53,297	213,856
2014	54,701	211,172

An average of 263 trucks hauled a total of 2,132 tons of waste to the landfill facility each day.