



## MCUA Hosts First Landfill Open House

MCUA had the pleasure of hosting its first ever Landfill Open House on Saturday, May 11th. With the help of the Middlesex County Department of Community Services, the MCUA bused six



groups, totaling 54 participants, through our Landfill noting the various capital improvement projects that have either been completed or are on track

for completion. At the end of the tour, each participant was given a thank-you bag with environmentally friendly items.



Executive Director, Joseph Cryan talking with attendees before commencing Landfill Open House Tour.

**"Thank you to everyone that made the tour possible; it would be a wonderful event for all Middlesex County residents to attend - there's so much more entailed once your garbage leaves your curb! Thank you again for the tour and to all the MCUA employees that help make our County an environmentally sound place to live!"**

*- Jo and Bob Hospidor, attended the 10 am Landfill Tour.*

## Landfill Interim Cap: Construction Completed



Completion of MCUA Landfill Interim Cap.

Substantial construction was completed earlier this month on the Interim Cap covering a significant portion of the top of the Middlesex County Landfill. A total of 34 acres along the western side of the Landfill were included in the project which involved placing an additional 1.5 - 2 feet of cover material on top of the 1.5 feet of minimum daily and intermediate cover already in place. This area was also graded to promote less infiltration and more runoff of stormwater. The cap helps to control odors and provide a barrier for landfill gas which will improve gas collection. Landfill staff are not planning any disposal in the capped area for approximately two years.



## MCUA Hosts Drone & Cyber Risk Meeting

In conjunction with the Association of Environmental Authorities (AEA), Atlantic City Utility Authority (ACUA), Passaic Valley Sewerage Commission (PVSC), the NJ Office of Homeland Security and the NJ State Police came in to the MCUA's Central Treatment Plant to discuss their use of drones in Wastewater and Solid Waste facilities. The above mentioned groups noted their successes and failures and also discussed drone flying restrictions. In addition to drones, cyber risks were also discussed. Attendees gained insight into the gamut of cyber threat factors, trends and scope impacting the water and utility sector today.

## Junior Achievement Inspire on May 8th

On Wednesday, May 8th, MCUA staff had the chance to talk with over 800 local 8th and 9th graders at Middlesex County College about potential careers at the MCUA. Students were able to participate in interviews with employers, allowing the students to understand what skills will be in demand when they graduate. Many employers offered students hands-on activities to gain knowledge within different industries.



**MCUA**  
Middlesex County Utilities Authority



## Wastewater Division

### April 2019 Statistics

- Average Influent flow – 112.82 mgd
- Average Effluent TSS – 48 mg/l
- Average Effluent BOD – 27 mg/l
- Biosolids production – 15,743 wet tons, a 0.9% decrease over the five-year average. The entire amount was processed through the dryers.

*Rainfall for the month was 3.60 inches as measured at the treatment plant.*

## Solid Waste Division

### April 2019 Tonnage Figures

	Monthly Tons	Cumulative Tons
2019	47,633	160,025
2018	45,883	160,287

An average of 275 trucks hauled an average of 1,832 tons of waste to the Landfill facility each day.