



WASTEWATER DIVISION

Wastewater Class Tours MCUA's Central Treatment Plant

Students participating in an Introduction to Wastewater course toured MCUA's Central Treatment Plant as one of their final assignments.



The tour featured visiting our laboratory, headworks, primary sedimentation tanks, oxygenation tanks, final settling tanks, gravity sludge thickening tanks, belt filter presses, and sludge dryers to tie in their learnings and apply to real life application.



Congratulations to all students on completion of the 90-hour Introduction to Wastewater course, including seven of MCUA's very own.

Robert Tumielewicz Retiring after 14 Years of Service

The entire Board and staff of the MCUA congratulate Robert, 'Bob' Tumielewicz on his retirement after more than 14 years of service. Bob has been an Administrative Coordinator in MCUA's Contracts Department since 2007. Bob was an effective member of the Wastewater Division, and his dedication, hard work, and expertise are appreciated. We wish Bob well in retirement, as he spends more time with his wife and daughter.

Wastewater Division

April 2021 Statistics

- Average Influent flow – 100.25 mgd
- Average Effluent TSS – 8 mg/l
- Average Effluent BOD – 9mg/l
- Biosolids production – 14,739 wet tons of dewatered filter cake, all of which was processed through the dryers resulting in 6,081 wet tons of class A product.

**Rainfall for the month was 2.25 inches as measured at the Treatment Plant.*

SOLID WASTE DIVISION

Landfill Staff Use Virtual Meetings for Community Outreach During COVID-19

The MCUA’s Landfill staff continues its efforts to communicate with its East Brunswick neighbors in unique ways during this Covid-19 crisis.



Encouraged by previous resident interest, the Landfill staff and Executive Director Joe Cryan held a virtual “Landfill Update” meeting on Zoom for East Brunswick residents on March 30, 2021.

The goal was to provide a substitute for the Landfill tour experience for participants because all Landfill tours, including the Annual Open House Tour, were cancelled due to Covid-19 concerns.

The virtual meeting included recent drone footage, a PowerPoint presentation along with a question-and-answer period. East Brunswick Mayor Brad Cohen also participated and provided welcoming remarks to East Brunswick residents. Over 54 residents signed up for the event.

In addition, on Saturday, April 24, 2021 several Landfill staff members attended a virtual meeting with Cub Scout Pack 223 of East Brunswick. Several videos related to waste disposal were shown and the scouts and their parents participated in a lively 30-minute question and answer period with Earth Day as one of the topics discussed.



Temporary Landfill Slope Closure Planned

A MCUA contractor will install a temporary slope closure system on approximately seven acres of the Landfill’s south slope. The system consists of a drain tube blanket, 30-mil LL-DPE liner and a wind-screen ballast anchoring system. Also included will be both contact and non-contact stormwater management features. When completed, this project will protect against slope erosion, improve stormwater management and odor control while still reserving the area for waste filling in the future.



Solid Waste Division

April 2021

Tonnage Figures

	Monthly Tons	Cumulative Tons
2021	48,744	151,741
2020	36,964	154,356

An average of 256 trucks hauled an average of 1,875 tons of waste to the Landfill facility each day.