WASTEWATER DIVISION

MCUA Hosts DEP's Youth Inclusion Initiative

MCUA's Career Panel

Wastewater Division July 2026 Statistics

- Average Influent flow-96.87 mgd
- Average Effluent TSS – 17 mg/l
- Average Effluent BOD – 11 mg/l
- Biosolids production –During July, MCUA produced 15,763 wet tons of filter cake, all of which was processed through the dryers resulting in 5,049 wet tons of class A product.

*Rainfall for the month was 7.5 inches as measured at the Treatment Plant.

The Middlesex County Utilities Authority was proud to host the New Jersey Department of Environmental Protection's (NJDEP) Youth Inclusion Initiative at our plant this summer.

This award-winning program empowers youth from overburdened communities through hands-on learning and exposure to careers in environmental protection. During their visit to MCUA, participants toured our wastewater treatment plant, explored our laboratory, and met with a panel of employees who shared their experiences and answered questions about careers in the wastewater industry.

We are honored to support programs like the Youth Inclusion Initiative that inspire the next generation of environmental professionals and help build a more sustainable future for our communities.

SOLID WASTE DIVISION

Trees at the Landfill: More Than Just Landscaping

L to R: Luke Mozdierz (Engineering Tech), Michael (President of Mike's Country Market), Marvin and Mayko (Landscape Crew), and Brian Murray (Landfill Superintendent)

Landfills are often viewed as barren landscapes, but thoughtfully selected trees can transform these sites into healthier, more attractive environments. The newly planted Canada Red Chokecherry and Taylor Junipers not only enhance the landscape but also provide important environmental benefits and valuable habitat for local wildlife.

The Canada Red Chokecherry (Prunus virginiana 'Canada Red'), distinguished by its purple foliage, is a native tree that offers both ornamental and ecological value. Its spring blooms provide an important food source for butterflies and other pollinators, while the fruit produced later in the season helps support birds and other local wildlife.

The two Taylor Junipers (Juniperus virginiana 'Taylor'), are columnar evergreens valued for their narrow, upright growth habit and adaptability to a variety of soil conditions once established. Their dense branching provides valuable shelter and nesting habitat for songbirds, while their natural form requires minimal pruning, making them an excellent low-maintenance landscape choice.

Together, these trees help improve the appearance of the reclaimed landfill property while supporting a more diverse ecosystem. As they continue to grow, their environmental benefits will increase—providing additional shade, carbon storage, habitat, and shelter for wildlife for years to come.

A special thank you to Mike's Country Market in Milltown, NJ, for generously planting the new trees and for their continued support of the landfill's landscaping and beautification efforts over the years.

TRAINING SCHEDULE

SEPTEMBER TRAINING: NJ DEP - DPCC

DATE	TIME	LOCATION	DEPT
SEPT 10TH 2026	7:30 AM, 9:30 AM, 12 PM, 2 PM	PUBLIC MEETING ROOM	ALL WASTEWATER EMPLOYEES
SEPT 15TH 2026	7:30 AM, 9:30 AM, 12 PM, 2 PM	PUBLIC MEETING ROOM	ALL WASTEWATER EMPLOYEES
SEPT 17TH 2026	7:30 AM, 9:30 AM, 12 PM, 2 PM	PUBLIC MEETING ROOM	ALL WASTEWATER EMPLOYEES
SEPT 22ND 2026**	**7:30 AM, 9:30 AM, 12 PM, 2 PM****	**PUBLIC MEETING ROOM/ ANNEX CONFERENCE ROOM**	**ALL WASTEWATER EMPLOYEES**
SEPT 24TH 2026	7:30 AM, 9:30 AM	PUBLIC MEETING ROOM	ALL WASTEWATER EMPLOYEES

*** PLEASE NOTE, THE 2PM SESSION ON 9/22 WILL BE HELD IN THE ANNEX CONFERENCE ROOM**

** THE DPCC DRILL WILL BE HELD ON 9/29/2026 AT 9:30 AM

Welcome New Employees!

Mark Ward - Operations (Solids)
Conor Long - Laboratory
Kaylee Eaton - Laboratory

WHO'S WHO OF THE MCUA?

James Craggan

Position/Title: Solids Supervisor

Any Previous Titles/Positions at MCUA:
A-man; Assistant A-man;
Operator- DuopHase,
Operator - Operations

How long you've been with the Authority:
34 Years

Hobbies Outside of Work: Physical fitness, Cruising, Spending time with my crazy family, and of course rooting for my favorite football team the Dallas Cowboys!