

# Middlesex County Utilities Authority

## Hurricane Sandy Update November 5, 2012 12 Noon

**UPDATE:** The Edison Pump Station electrical utility power was restored and bypass pumps are set in place. The electrical equipment is being installed to run the bypass pumps, along with the installation of pipes to convey flow through the force main to the central treatment plant. This bypass pumping system is scheduled to be in place and operating by Wednesday of this week. This bypass system will handle 24 million gallons per day (mgd), which is the average daily wastewater flow that enters the station and is conveyed to the central treatment plant.

The Sayreville Pump Station has one bypass pumping system running and is conveying approximately 20-24 mgd to the central treatment plant. The pumps for the second bypass pumping system and its piping were delivered today for connection to the force main. This second bypass pumping system is scheduled to be operational by Friday of this week and will handle approximately 15 mgd, which will bring the total bypass pumping capacity to approximately 40 mgd, 52% of the average daily wastewater flow entering the pumping station.

NJDEP Commissioner Bob Martin toured the Sayreville Pump Station site and reviewed the operation to restore wastewater flow to the treatment plant and repairs to storm damaged equipment. The USEPA sent a team of scuba divers to assist with the installation of a flow gate to control flow entering the Sayreville Pump Station. The Army Corps of Engineers also visited the site and offered their assistance with the bypass operations and facility restoration.

### **Central Wastewater Treatment Plant**

The Central plant is fully operational and is handling all wastewater coming to the central facility in Sayreville.

#### South Amboy Pump Station

Fully operational; pumping waste to the central facility

#### Edison Pump Station

Inoperable, flooded with ocean water and silt  
Bypass pumping system is being installed  
Three bypass pumps will be operational no later than Wednesday, Nov. 7

Pumps will be able to handle 20-24 million gallons per day  
This bypass system will handle the average amount of wastewater that enters the station  
It will take several weeks to dry out and repair the electrical and mechanical equipment in the station before it can be placed back into a usable condition with a least one pump.  
Today, all five pump motors were shipped off site for reconditioning  
Due to the flooding of the station, the service life of all equipment in the station has been compromised.

### Sayreville Pump Station

Inoperable, flooded with ocean water and silt  
First bypass pumps became operational on Sunday, Nov. 4, at 1:30 am and continue to operate conveying between 20-24 mgd of wastewater to the central treatment plant.  
A second bypass pumping system should be operational by the end of the week.  
A third bypass pumping system should be operational by the end of next week.  
In total, these bypass pumping systems will be able to handle 52-59 million gallons per day  
These bypass pumping systems will convey the majority of wastewater that enters the station to the central treatment plant.  
It will take several weeks to dry out and repair the electrical and mechanical equipment in the station before it can be placed back into usable condition with at least one pump.  
Six of the ten pump motors have been removed and two have been shipped off site for reconditioning.  
Due to the flooding of the station, the service life of all equipment in the station has been compromised.

### **Industrial Users**

- Industrial users are being asked to minimize their process wastewater flow to their respective wastewater collection systems. Also, MCUA has reduced its trucked in waste rate to accommodate companies which elect to have their wastewater processed at the central treatment plant.

### **USEPA and NJDEP**

Both agencies have visited the site and are fully briefed on the bypass operation of the MCUA. Both agencies are constantly monitoring the situation and have been providing whatever resources the MCUA needs.

Service interruptions have been minimal for the residents that are customers of the MCUA and a majority of residents will see no impact with their wastewater service.

**Middlesex County Landfill Extending Hours**

Middlesex County Landfill is fully operational and open to accept solid waste for disposal.

The Landfill will continue to extend operating hours during the week. Below is the schedule for the Landfill in East Brunswick.

Monday – November 5 through Friday- November 9 – **7am – 4:30 pm**

Contact Information:

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