

Middlesex County Utilities Authority

Hurricane Sandy Update

December 3, 2012

Meetings

FEMA representatives toured the Edison Pump Station site and discussed the preparation of Project Worksheets in order to receive reimbursement of MCUA's costs.

FEMA, USACE, USEPA and NJDEP

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

Service Interruptions

None Reported

Central Wastewater Treatment Plant

The Central Treatment Plant is fully operational and is handling all wastewater and trucked waste entering the plant in Sayreville. Currently, the Central Treatment Plant is being powered by the Landfill Gas to Energy Facility and local electric utility.

The average rate of wastewater flow entering the Central Treatment Plant:
83 million gallons a day

South Amboy Pump Station

Operational

Repairs to damaged equipment are being performed by MCUA, which are ongoing.

The estimated average rate of wastewater flow conveyed to the Central Treatment Plant:
2 million gallons a day

Edison Pump Station

Operational

Two Main Pumps capable of conveying 64 mgd to the Central Treatment Plant remain in operation. A third Main Pump is scheduled to be available by the end of the week

Electrical and mechanical equipment in the station continues to be repaired

Bypass pumping system capable of handling 20 -24 mgd is in standby mode.

Currently, the Main Pumps and the bypass pumping system are able to convey 70 million gallons per day of wastewater to the Central Treatment Plant, which exceeds the average daily amount of wastewater that enters the station

The estimated average rate of wastewater flow conveyed to the Central Treatment Plant:
16 million gallons a day

Sayreville Pump Station

Original Sayreville Pump Station

Work continues on the support pedestals for the Main Pumps

All four OSPS pump shafts delivered to site

Scaffolding for Main Pump #3 shaft installed

Reconditioned Main Pump Motor #3 delivered to site (40MGD)

Main Pump #3 cable tray and wiring installation continued

Rotating assembly for OSPS Main Pump # 2 delivered to site

Sayreville Relief Pump Station

Rehabilitation work completed on 5kV Switchgear completed and functional testing on going

Continued work on overhead cranes

Completed installation of Sluice Gate No. 9

Worked on Accumulator System wiring ongoing

Cleaning of lower level continued

Temporary Bypass Pumping System

Operational

Schedule maintenance performed

The estimated average rate of wastewater flow conveyed to the Central Treatment Plant:
66 million gallons a day

Temporary Wet Weather Overflow Facilities

WW-1 pump at Sayreville Pump Station Site functional

Interim floatable control installed for WW-1 at Sayreville Pump Station

Constructing stone pad and excavating around manhole #2 on Lower Main Trunk System for WW-3 at landfill

Pipe and fusing machine delivered to landfill site

Industrial Users

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

Uncontrolled Overflows

None since November 14, 2012

Controlled Overflows

Sayreville Pump Station: Commenced on December 2, 2012 at 5:30pm and continued until December 3, 2012, at 1:00am

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-December 3 through Saturday - December 8 7 am- 4:30 pm

Contact Information: Tony Cicatiello, 908.568.3280