

Middlesex County Utilities Authority

Hurricane Sandy Update

December 6, 2012

Meetings

Conference call was held between MCUA and NJDEP representative to review the NJDEP's comments on the MCUA's Temporary Wet Weather Overflow Facilities Plan.

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.

Uncontrolled Overflows

None since November 14, 2012

Controlled Overflows

Sayreville Pump Station: Commenced on December 5, 2012 at 9:40pm and continued until December 6, 2012, at 1:40am

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:
84 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 for by end of the week.

Electrical, mechanical and control equipment in the pump station continues to be repaired and on-site emergency generators are functioning however control issues are being resolved

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:
18 million gallons a day

Sayreville Pump Station

Original Sayreville Pump Station

Work continues on the support for force main header pipe in the dry well

Demolition of existing electrical conduits, installation of electrical cable trays and Pump Motor No. 3E feeder cable installation completed along with connection to 5kV switch gear

Pump No. 3E motor in place {40MGD}

Completed wiring for temporary accumulator system to cone valve for Pump No. 3E

Finalize OSPS suction piping for Pump No. 3E complete

Sayreville Relief Pump Station

Rehabilitation work completed on 5kV Switchgear and functional testing nearly complete

Continued work on overhead cranes in lower levels

Continue cleaning and debris removal of wet well and screening room

Continue reconfiguring MCCs and verified electrical circuits for critical loads

Replaced motors for Odor Control System

Service Interruptions

None reported

Temporary Bypass Pumping System

Operational

Schedule maintenance performed

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

Temporary Wet Weather Overflow Facilities

WW-1 pump at Sayreville Pump Station Site functional with interim floatable control

WW-3 pump placed in final position and site work continues at MCLF

36-inch and 24-inch HDPE pipe fusing continues for WW-3 at MCLF

Installation of Suction pipe at Manhole No. 2 for WW-3 completed

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.

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 7 7 am- 4:30 pm

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