

Middlesex County Utilities Authority

Hurricane Sandy Update

December 4, 2012

Meetings

USACE representatives toured the Sayreville Pump Station site to assess needs pursuant to a Technical Assistance request. USACE will inform their Philadelphia Coastal Protection Engineering group for requested assistance to provide flood protection at the pump station site.

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 3, 2012 at 10:15pm and continued until December 4, 2012, at 1:35am

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 station continues to be repaired
Bypass pumping system capable of handing 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 for force main header pipe in the dry well

Demolition of existing electrical conduits continues and Pump Motor No. 3 feeder cable installation continues

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

Installation of pump shaft commenced for Pump No. 3

Replaced overhead crane cable

Sayreville Relief Pump Station

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

Removed pump motor electrical feeder cables

Continued work on overhead cranes in lower levels

Completed mechanical installation of Sluice Gate No. 9

Cleaning and debris removal of lower level continues

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

Prepare for removal of grating and opening frame for WW #3 suction pipe at MCLF

Fused 400 L.F. of HDPE pipe for pump WW#3 discharge line at MCLF

Poured concrete containment for removal of Manhole No.2 upper section to allow for WW #3 suction pipe installation

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

Service Interruptions

None reported

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 8 7 am- 4:30 pm

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