

Middlesex County Utilities Authority

Hurricane Sandy Update

December 7, 2012

Meetings

NJDEP Assistant Commissioner Wolf Skacel and several of his key staff members toured the Sayreville Pump Station to review the progress that has been made regarding the activation of Main Pump 3E in the Original Sayreville Pump Station and the progress installing the Temporary Wet Weather Overflow Facilities.

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 6, 2012 at 10:10pm and continued until December 7, 2012, at 1:10am

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 have been in operation. One of the Pumps is now on standby for maintenance on the pump control valve which will take place next week. However, a third Main Pump is now available for service and has been placed in the rotation for operation.

Repairs to electrical, mechanical and control equipment in the pump station continues and on-site emergency generators are functioning, however, control issues remain to be 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:
16 million gallons a day

Sayreville Pump Station

Original Sayreville Pump Station

Work was completed on the supports for force main header pipe in the dry well

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

Completed installation of the temporary accumulator system to cone valve for Pump No. 3E

Finalized programming of pump control panel for operation of Pump No. 3E

Performed bump motor test for Pump No. 3E, testing ongoing

Installed protective cage around intermediate level shaft

Sayreville Relief Pump Station

Work and testing completed and successfully energized the 5kV Switchgear

Work and testing completed and successfully energized 480V transformer and MCC

Continued work on overhead cranes in lower levels

Completed cleaning and debris removal of wet well and screening room

Replaced motors for Odor Control System

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 with interim floatable control

Completed fusing 24 inch discharge pipe and installation of Floatables Control Chamber for WW-3 F

WW-3 pump at MCLF completed with floatables control system

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 12/10- Friday 12/14 7:00 am to 4:30 pm. 7 am- 4:30 pm

Sunday – December 16 Closed

Contact Information: Tony Cicatiello, 908.568.3280