

Middlesex County Utilities Authority

Hurricane Sandy Update

December 10, 2012

Meetings

None scheduled

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

None as of 8:00pm 12/10/12

At 12:15 am on December 9, 2012, Main Pump 3E (40MGD) in the Original Sayreville Pump Station was placed into operation. With this pump in operation in concert with the four Temporary bypass pumping systems, it is anticipated intermittent controlled overflows will no longer occur when normal average daily flows enter the Sayreville Pump Station.

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:
106 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:
1-2 million gallons a day

Edison Pump Station

Operational

Three Main Pumps capable of conveying 72 MGD to the Central Treatment Plant are in operation.

Repairs to electrical, mechanical and control equipment in the pump station will continue 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 are able to convey 72 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:
22 million gallons a day

Sayreville Pump Station

Original Sayreville Pump Station

Operating Main Pump 3E (40MGD)

Initiated installation of shaft for Main Pump 2E

Continued demolition of electrical conduits and installation of cable trays

Sayreville Relief Pump Station

Inspecting and testing bar screen influent sluice gate actuators

Inspecting and testing screening belt conveyor and screenings press motors and components

Operating Screen 1 and Interconnection channel between SRPS Wet Well and OSPS Wet Well

Continued work on overhead cranes in lower levels

Temporary Bypass Pumping System

Operational

Schedule maintenance performed

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

Temporary Wet Weather Overflow Facilities

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

WW-3 Facility at MCLF completed with floatables control system

WW-4 Facility at MCLF, all three pumps received at the MCLF

WW-2 Facility:

- Site Plan finalized
- Prepared area around manhole for casing installation
- Fused 80% of the 24-inch HDPE pipe between pump and netting chamber
- Cleared and prepared the netting chamber 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.

Service Interruptions

None Reported

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 10 through Saturday – December 14 7 am- 4:30 pm

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