

# **Middlesex County Utilities Authority**

## **Hurricane Sandy Update**

**December 12, 2012**

### **Meetings**

Meeting was held with new FEMA onsite Technical Specialist, Paul Hesse at the Sayreville Pump Station site to discuss the processing of FEMA claims. Present at the meeting were representatives from MCUA, HMM and R3m Engineering.

### **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:  
96 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:  
17 million gallons a day

### **Sayreville Pump Station**

#### **Original Sayreville Pump Station**

Operating Main Pump 3E (40MGD)

Continued work for the installation of Main Pump 2E

Initiated hydraulic lines to discharge cone check valve to Main Pump 2E

Continued demolition of electrical equipment for placement of new pump control panels

Fabricating components to provide manual control of overflow slide gate in Influent Channel

Completed construction of temporary enclosures for pump station building

#### **Sayreville Relief Pump Station**

Received delivery of two refurbished pump rotating assemblies

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

Continued work on overhead cranes in lower levels

Continuing installation of Temporary Electrical Power Panels

Preparing Main Pump 2E motor starter for operation in the 5kv switchgear

#### **Temporary Bypass Pumping System**

Operational

Schedule maintenance performed

The estimated average rate of wastewater flow conveyed to the Central Treatment Plant:  
77 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:

- Continued fusing HDPE discharge pipe for WW-2 Facility
- Completed work on MH 3 casing and backfilling excavation for installation of Suction Pipe for WW-2 Pump
- Prepared sub base for elevated foundations for pump and netting chamber areas

### **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**

None since 10:45pm on December 8, 2012

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.

### **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 15 7 am- 4:30 pm

Contact Information: Tony Cicatiello, 908.568.3280