

# PSI Process & Equipment



**Pumping Services, Inc.**  
An Employee Owned Company

February 2013

## PSI Newsletter

### ISSUE HIGHLIGHTS

PSI employees donate to Sandy victims

Storm Water Pumping

NYWEA-PSI-Exhibit 22 Manufacturers

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Dear Readers.

Pumping Services focused on the pumping needs of several communities and donated food supplies to assist hurricane victims in Central and Northern New Jersey. The PSI team worked around the clock to ensure that pumps and generators were delivered to affected communities up and down the New Jersey coastline and to government agencies throughout New York City. Pumping Services has a long tradition of providing its employees with fresh turkeys for the Thanksgiving holiday. This year employees brought up the idea of donating turkeys to the local food pantry which was overwhelmed by demand in the wake of the hurricane. The donated turkeys were supplemented by employee donations of canned goods and were delivered to the Dunellen area Fish, Inc. office. A record number of people were served a Thanksgiving dinner according to Fish organization in a thank you letter to PSI.

The City of Hoboken is located across the Hudson River from New York City and is home to Frank Sinatra and Cake Boss. Its one square mile has over 50,000 residents and hundreds of boutiques, restaurants, and outdoor cafes, and is considered one of the most densely populated areas in America. The North Hudson Sewerage Authority's H1 Screening and Wet Weather Pump Station at 99 Observer Highway in Hoboken, operated around the clock during Hurricane Sandy.



**Two 350 HP Flygt pumps-a Xylem brand rated at 50 MGD each**

The storm water pump station has two high performance propeller style submersible pumps as manufactured by Flygt, a Xylem brand, supplied and started up by PSI. They are installed 30 feet below ground and each 350 HP pump is capable of discharging 50 million continued over

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# Spotlight on

## Cost Effective Storm Water Pumping

Continued from page 1

gallons per day. It also has an electrical generator to ensure that it functions through very severe rain storms. The station was designed by the firm CH2MHILL and was architecturally designed to complement nearby Lackawanna Tower and Hoboken Terminal. It will work in conjunction with the city's sewer monitoring system and help the authority determine where more pump stations are needed. "The efficient Flygt propeller pump with its submersible motor is ideal for storm water pumping and is used in many major cities throughout the world" said John Corkery Municipal Sales Manager at Pumping Services, Inc. who worked throughout the design, installation and start up of the massive system. Flygt submersible propeller pumps operate directly in the pumped liquid and are easily installed and removed.



The breadth of the product range makes them the ideal choice for a number of applications and for meeting specific performance requirements. The pump's small footprint and the resulting compact pump station makes for very cost-efficient pump stations. The submersible propeller pump can be installed in many different ways to ensure a cost-effective pump solution with high quality products and low overall costs.

**Pumping Services, Inc. service group is always close at hand to provide swift service and support**

**PSI Process and Equipment** recently provided a Pumping and Treatment Symposium organized by the New Jersey Water Environment Association Mini Workshop Committee. There were a total of 12 hours TCH credits for all "S", "C", "T", "W", & "N" NJDEP Licenses. The Central section portion was presented at Pumping Services, Inc. corporate offices in Middlesex.



## Pumping and Treatment Symposium at Pumping Services offices.

Presentations were provided by Tim Fortner, Roger Parkhurst and John Corkery. Topics presented were; Introduction to Submersible Pumps, Pump Hydraulics Total Head Calculations, New Era in Energy Savings in Wastewater Pumping, Pump Station Stand-by Pumping and Power in one Package, Online Analyzers for BNR Projects Technology and Case Studies, Clarifiers Air Strippers & Odor Control Systems, Screenings Removal tips to get you in the dumpster. A thumb drive of the day's presentations and videos is available from the PSI sales team. Click below.

**PSI Process and Equipment** will be exhibiting at **New York Water Environmental Association** 85rd Annual Convention Feb 4-6 2013 NYC Marriott Marquis. We appreciate all of our manufacturers' support.

### Booth 164

ASA Analytics, Inc.  
AWT BIOWORKS NA  
AWI Anthratch U.S.

Headworks Inc.  
Howden Water  
In-Pipe Technology  
NOVA Water  
Philadelphia Mixing

### Booth 165

Filtronic Inc.  
Headworks Inc.  
HMT Tank Inc.  
NOV Monoflo, Inc.

### Booth 165

WTP Equipment Corp  
Monroe Environmental

### Booth 166

Danfoss LLC  
ETS UV Inc.  
ICS Healy Ruff Inc.  
MJK Inc.  
A Xylem brand  
SSP LTD  
NOV Monoflo Inc.  
Pump Around Systems  
Verder Inc.  
Rental and Service

**Contact the PSI sales team for your Storm Water Pumping Station Design**