

**Day in the Life of the Hudson River 10/20/15 Data**  
**RIVER MILE -4**  
**Bush Terminal Pier Park**  
**Alexa Sloan, Counseling in School & JHS 223**  
**20 Sixth-Eighth graders, 2 adults**

**Location:** Bush Terminal Pier, North West Brooklyn waterfront

**Area:** Pier – Large rock rip/rap along the waterfront

**Surrounding Land Use:** 90% Industrial Commercial, 10% park

**Sampling Site:** Recreational pier – rocks near the edge, banks altered /riprap, all hard edged, steep wall dividing water from land

**Shoreline:** Rocky, Sandy

**Plants in water:** yes some – 1%

**Plants in area** – planted beds and natural areas include yellow flag, sweet flag (in Port Authority plant selection list for its storm water management capability)

<i>ITEM</i>	<i>Time</i>	<i>Readings</i>		
<i>Physical</i>				
Air Temperature	4:20 PM	17°C	65 °F	
Wind Speed				
Cloud Cover				
Weather today	Clear no rain		<i>Water surface</i>	
Weather recently	No rain for past 3 days. Cold			
<i>Water Temperature</i>	4:20 PM	19°C*		
<i>Turbidity – long sight tube</i>	4:20	70 cm		
<i>Chemical</i>	<b>Time</b>	<b>ppm</b>	<b>Temp</b>	<b>% Sat</b>
DO	4:20 PM	9 ppm	19°C	95%
pH - meter	4:20 PM	8		
Salinity	4:20 PM	23 ppt		