

**Day in the Life of the Hudson River 10/12/17 Data**

**RIVER MILE 3.2  
(Salt Front ~ RM 65)**

**Pier 45**

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**Wallerstein Collaborative for Urban Environmental Education/NYU**

**Ellis Academy (20 High School, 7 adults) & Chelsea HS, (20 - 9<sup>th</sup> graders, 7 adults)**

**40.73°N, 74.01°W**



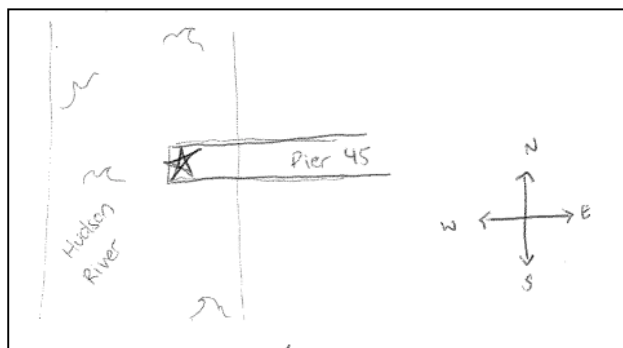
**Location:** Pier 45

**Area:** Pier, park

**Surrounding Land Use:** 60% urban/residential, 40% industrial/commercial

**Shoreline:** park

**Plants in area:** None



<i><b>ITEM</b></i>	<i><b>Time</b></i>	<i><b>Reading 1</b></i>	<i><b>Reading 2</b></i>	<i><b>Comments</b></i>
<i><b>Physical</b></i>				
Air Temperature	11:00 AM	57°F	14°C	
Wind Speed	NR			
Cloud Cover	11:00 AM	Partly cloudy		
Weather today	Just sprinkling a little bit			
Weather recently	Yesterday was warm, rainy, hot, & sunny			
Water description	Calm			
<i><b>Water Temperature</b></i>	11:00 AM	63.75°F	17.64°C	
	12:00 PM	66.3	19.01	
<i><b>Turbidity – Short Site Tube (60 cm)</b></i>	11:00 AM	55.8cm	52.6cm	Avg: 54.2cm
<i><b>Chemical</b></i>	Time	DO	Temp	% Sat

DO Chemets Kit	11:00 AM 12:00 PM	5ppm 5.8	17.64°C 19.01	50% 65
pH	<i>Time</i>	<i>Litmus strips</i>	<i>Lamotte test kit</i>	<i>Average</i>
	11:00 AM 12:00 PM	6.75 6.62	7.45 7.125	7.1 6.87
Salinity	Time			
<i>Hydrometer</i>	11:00 AM 12:00 PM	20 pm 20		
<b>Tides</b>	NR			