

**Day in the Life of the Hudson River 10/20/16 Data**  
**RIVER MILE 3.2**  
**Hudson River Pier #45, Manhattan**  
**Susan Price, NYC Lab High School**  
**34 APES students, 3 adults**  
**GPS coordinates: 40.738138, -74.010706**

**Location:** Christopher Street Pier at the southside end of the pier where the “gazebo” is at the foot of the pier

**Area:** Pier, Banks altered – bulkhead – mainly metal and wooden pier

**Surrounding Land Use:** 100% Hudson River Park with walkway, some planted areas

**Sampling Site:** Recreational pier

<i>ITEM</i>	<i>Time</i>	<i>Air Temp.</i>	<i>Wind</i>	<i>Wind</i>
<i>Physical</i>			<i>Beaufort #</i>	<i>Anemometer</i>
<i>Air Temperature &amp; Wind</i>				
Cloud Cover				
Weather today	Some clouds			
Weather recently	No rain – dry stretch			
<i>Water Temperature</i>	AM	20°C		
<i>Turbidity –site tube</i>				
<i>Chemistry</i>	<i>Time</i>	<i>Sigma Test Strip</i>	<i>Color test match</i>	
<i>pH – Color test match and test</i>	NR			
<i>Salinity –</i>	AM AM	25 ppt 25 ppt	hydrometer refractometer	
<i>D.O. - CHEMets</i>	NR			
<i>Nitrogen – API Saltwater Master Test Kit</i>	NR			
<i>Fish – pole</i>	AM AM	1 1	American Eel Black Bass	
<b>Tides</b>	NR			
<b>Currents:</b>	NR			