

**Day in the Life of the Hudson River 10/12/17 Data
(Salt Front ~RM65)
RIVER MILE 0.5**



**Morris Canal Basin, Jersey City, New Jersey
Grace Sanvictores, Hudson Montessori School 4th, 5th, 6th graders – 20 students, 4 adults**



Location: Walking & Fishing Pier, Morris Canal Basin, Jersey City, New Jersey
Area: Waterfront pier along a developed area, walkway with railings
Surrounding Land Use: Urban Industrial 100%;
Sampling Site: Waterfront pier jutting out along the waterfront, surrounds a canal inlet
Plants in Area: Seaweed plants (see picture)

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	AM	15.5°C 60 °F		
Wind Speed	11:38 AM	Beaufort #4	Anemometer 3.8 mps	NE
Cloud Cover	NR			
Weather today	Cool, a bit damp and windy			
Weather recently	NR			
<i>Water Temperature</i>	11:38 AM	21°C 70°F		
<i>Turbidity</i>	11:38 AM	41 cm	average	
<i>pH indicator strips</i>	11:38 AM	4		
<i>DO – O2 Profitest</i>	11:38 AM	5 ppm		

<i>Salinity - hydrometer</i>	11:38 AM	25 ppt		
<i>Fish Catch - seine</i>	<i>Species -</i>	<i>Number</i>	<i>Length of largest</i>	<i>Diversity & Totals</i>
	Unable to seine			
<i>Tides</i>	12 inches 9:30 AM			
	48 inches Noon			
<i>Current</i>	ebbing			