

**Day in the Life of the Hudson River 10/20/16**  
**(Salt front ~ Hudson RM 83)**  
**HARLEM RIVER MILE 1**  
**Ward's Island on the Harlem River**  
**Dinorah Hudson, High School for Math, Science and Engineering @ City College**  
**Chris Girgenti, NYC Parks Dept.**  
**60 -10-12<sup>th</sup> graders, 6 adults**  
**40.79N and 73.92W**

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Weather</i>				
<i>Water Temperature</i>	AM	16 Degrees C	61 F	
<i>Chemistry</i>				
Dissolved Oxygen	NR			
pH (color match test strips)	NR			
Salinity – hydrometer	AM	23 ppt		
Phosphate test strips	NR			
Nitrate test Strips	NR			
<i>Turbidity</i>	NR			
<i>Tides</i>	NR			
<i>Current</i>	NR			
<i>Fish Catch –</i>	<i>Number caught</i>	<i>Species</i>	<i>Length of largest</i>	
	133	Atlantic Silverside		<b><i>DIV 3</i></b>
	1	Striped Bass		<b><i>TOTALS 135</i></b>
	1	Northern Kingfish		
	1	Atlantic Tomcod		
	1	Porgie		
<i>Macro Invertebrates</i>	1	Grass Shrimp		
	4	Blue Crab		
	9	Hermit Crab		
<i>Sediment Core</i>	<i>Length</i>	<i>Properties</i>	<i>Common</i>	<i>Abundant</i>