

**Day in the Life of the Hudson River 10/20/15
HARLEM RIVER MILE 10**



**Ward's Island on the Harlem River
Dinorah Hudson, High School for Math, Science and Engineering @ City College
60 -12th 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>	11:00 AM	Clear day	Fall temperatures	
<i>Water Temperature</i>	11:05 AM	17 Degrees C		
<i>Chemistry</i>				
Dissolved Oxygen	11:05 AM	7 ppm	17 Degrees C	70% saturated
pH (color match test)	12:10 PM	6		

strips)				
Salinity – hydrometer	11:50 AM	22 ppt		
Phosphate test strips	11:45 AM	0%		
Nitrate test Strips	10:47 AM	0%		
Turbidity	10:56 AM	12.93 cm		
Tides	11:42 AM	Ebbing		
Current	11:55 AM	16.7 ft.min	509 cm/60 sec	8.48 cm/sec
Fish Catch –	Number caught	Species	Length of largest	
	41	Atlantic Silverside		
TOTAL CATCH 41	DIV 1			
Macroinvertebrate Catch	1	Crangon Shrimp		
	4	Jelly fish		
	4	Snails		
TOTAL CATCH 9	DIV 3			
Sediment Core	Length	Properties	Common	Abundant
	8 inch	No H2S smell No oil No oxidized top	Mud Gravel Pebbles Wood	Sand