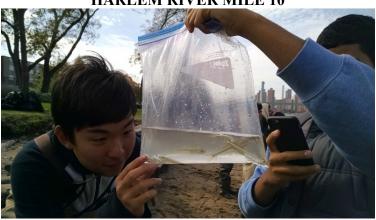
## Day in the Life of the Hudson River 10/20/15 HARLEM RIVER MILE 10



Ward's Island on the Harlem River
Dinorah Hudson, High School for Math, Science and Engineering @ City College
60 -12<sup>th</sup> graders, 6 adults
40.79N and 73.92W







ITEM	Time	Reading 1	Reading 2	Comments
Weather	11:00 AM	Clear day	Fall	
			temperatures	
Water Temperature	11:05 AM	17 Degrees C		
Chemistry				
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	Species	Length of	
	caught		largest	
	41	Atlantic		
		Silverside		
<b>TOTAL CATCH 41</b>	DIV 1			
Macroinvertebrate	1	Crangon		
Catch		Shrimp		
	4	Jelly fish		
	4	Snails		
TOTAL CATCH 9	DIV 3			
Sediment Core	Length	Properties	Common	Abundant
	8 inch	No H2S smell	Mud	Sand
		No oil	Gravel	
		No oxidized	Pebbles	
		top	Wood	