


Day in the Life of the Hudson River 10/4/12 Data
Canarsie Pier, Jamaica Bay, Brooklyn NY
Ragini Singhal – Robert Van Wyck MS 217
NYSDEC SCA Members - 2
30 students, 10-13 yr. olds MS, 3 adults
N 40.37'49.0" - W-73.53'00.98"



Location: Jamaica Bay, Canarsie Pier,
Area: Beach, large piping entering river
Surrounding Land Use: 50% forested; 40% beach; 10% constructed pier
Sampling Site: Beach, covered with vegetation, concrete pier, some fabric & other debris in rocks, man placed boulders along part of the shoreline near the pier
 Recreational pier – rocks near the edge, banks altered
Bottom: sandy bottom
Plants in area:



<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11:21 AM	25°C 78°F		
Wind Speed	Beaufort #0			
Cloud Cover	cloudy			
Weather today	Overcast	Humid and threat of rain		
Weather recently	Rainy and warm			
<i>Water</i>	calm			

<i>Water Temperature</i>	11:26 AM	22°C 72°F	20°C 70°F	Average 21°C and 71°F
<i>Turbidity- secchi</i>				
<i>Chlorophyll</i>	11:30 AM	0.5		
<i>Chemical</i>				
DO (drop count kit)				
pH meter				
Salinity				
<i>Fish Catch</i>	Total	Fish		1 seine
	24	Atlantic Silversides		
	1	hogchoker	small	
	1	Mud crab	female	
	lots	Sea snails		
	lots	Hermit Crabs		
	lots	Moon jellies		
<i>Tides</i>				
<i>Currents</i> 	Still to flooding	Tossed in an orange but it didn't move much, and then came back to shore	Tried again with same results – went a bit north, then east then back to shore	Note this area is in a bay – so n orange coming back into shore would have been flooding
<i>Core – 11:10 AM</i>	15 cms long	Sand - Core was tightly packed with sand – rough texture	Some small shell pieces, very small flecks of brick	Small rock, & small black flecks in it we thought might have been shell pieces or fish eggs but couldn't really tell