

Day in the Life of the Hudson River 10/20/16 Data
(Salt front ~ RM 80)
Canarsie Pier, Jamaica Bay, Brooklyn NY
Karine Kelley – PS 230
NYSDEC SCA Members - 1
56 students, 5th grade, 6 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: 40% park; 40% parking lot 10% beach; 10% grass

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

Water Depth: 2-3 ft.

<i>ITEM</i>	<i>Time –</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Reading 3</i>
<i>Physical</i>				
Air Temperature	11:20 AM	20°C		
Wind Speed	11:20AM	#3	E	
Cloud Cover	11:20 AM	partly		
Weather today	No rain			
Weather last 3 days	Very warm ~82 F			
<i>Water Condition</i>				
<i>Water Temperature</i>	NR	°C		
<i>Turbidity secchi</i>	10:46 AM	85.2 cm 86 cm 81.4 cm	Average 84.2 cm	
	11:20 AM	99.2 cm 65 cm 88.1 cm	84.1 cm	
<i>Chemical</i>				
DO	NR			
pH	NR			4
Salinity - hydrometer	11:45 AM	31 ppt		
<i>Fish Catch</i>	Total	Fish		3-4 seines
<i>2 attempts</i>				
<i>Total Catch 0</i>				

<i>Tides</i>	NR			
<i>Currents - Time</i>	<i>Cm/30 secs</i>	<i>Cm/sec</i>	<i>Kts</i>	<i>Location</i>
11:08 AM	75	2.5		shoreline
<i>Ships</i>	None seen			
<i>Other Observations</i>	Horseshoe crab, dead bird, Indian deity sculpture			