

**Snapshot Day 10/18/11 Data**  
**(Salt Front RM 35.7)**  
**Canarsie Pier, Jamaica Bay, Brooklyn, NY**  
**Bonnie Ralston, DEC SCA**  
**Jaelyn Hoahing, Metropolitan Diploma Plus High School, Brooklyn NY**  
**9<sup>th</sup>-12<sup>th</sup> graders – 17 students**  
**GPS Latitude N 40.37'49.0" - W-73.53'00.98"**



**Location:** Beach at Canarsie Pier, Jamaica Bay  
**Area:** beach area along the bay  
**Surrounding Land Use:** Beach – 50%; Urban/residential 50%  
**Sampling Site:** beach  
**Shoreline:** beach and pier  
**Plants in area:** No plants in water  
**Water depth:**  
**River Bottom :** sandy

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:37 AM	66.2°F 19°C		
	11:07 AM	75.2°F 24°C		
Wind Speed	Beaufort Force	1		
Cloud Cover	Partly cloudy			
Weather today				
Weather recently				
<i>Water Temperature</i>	11:27 AM	64.4°F 18°C		
<i>Water calm</i>	yes			
<i>Turbidity – long sight tube</i>	11:30 AM	75.3cm		

<b><i>Chlorophyll</i></b>	10:30 AM	0.3		
<b><i>Chemical</i></b>				
DO (Hach drop count kit)	10:20 AM	4 mg/L	18°C	40%
<i>pH –Color Match test kit</i>	10:30 AM	8		
Salinity – hydrometer	10:30 AM	26 ppm	Total Salinity	
<b><i>Fish Catch</i></b> 93 inch. seine net	<b><i>Number Caught</i></b>	<b><i>Species</i></b>	<b><i>Length of largest</i></b>	<b><i>Macro Species</i></b>
11:30 AM	1			Shrimp
	2			Hermit Crabs
	8			Aquatic Snails
	1			Juvenile blue crab
	2			Comb jellies
<b><i>Tides</i></b>	10:30 AM	23 cm		
	11:01 AM	32 cm	Rising	
	11:35 AM	41 cm	Rising	
<b><i>Currents</i></b>	10:35 AM	still		
	11:05 AM	still		
	11:37 AM	still		
<b><i>Traffic</i></b>	1 Ship	Too distant to tell more		
<b><i>Other Items</i></b>				
<b><i>Core</i></b>				