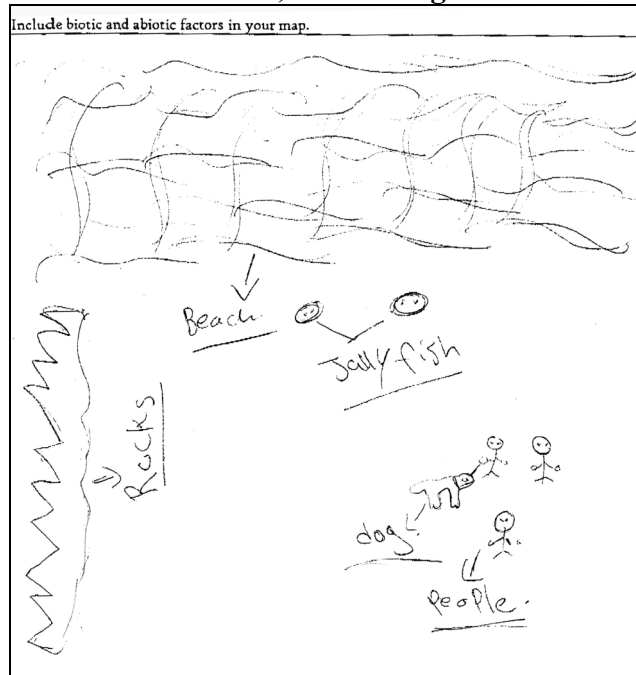


**Snapshot Day 10/8/09 Data
(Salt Front RM 60.3)
Brighton Beach, Brooklyn NY**



**Carol Ma – International HS @ Lafayette, K337
48 students, 9th & 10th graders**



Location: Brighton Beach, Brooklyn

Area: Beach mainly

Surrounding Land Use: 80% beach; 5% commercial; 10% residential; 5 % forested

Sampling Site: Beach,

Depth:

Plants in area: No plants in the water

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	12:04 PM	21°C 70°F		
	1:04 PM	20°C 68°F		
Wind Speed				
Cloud Cover	Partly cloudy			
Weather today	No rain	Mild and warm, but a cool wind		
<i>Water Condition</i>	Calm at noon but choppy by 1PM			
<i>Water Temperature</i>				
<i>Turbidity secchi</i>				
<i>Chlorophyll</i>	12:32 PM	0.1		
<i>Chemical</i>				
DO (drop count kit)	12:58 PM	7 mg/L 8 10		8.33 mg/L
pH meter	12:23 PM	11 9 9		9.8 average
Salinity				
<i>Fish Catch</i>	Total	Fish		2 seines
	~80	Atlantic Silverside		
	2	Northern Kingfish		~82 Total
	~20	Moon Jellies		
<i>Tides</i>				
<i>Currents</i>				
<i>Core –</i>	Length	Abundant	Common	Rare
<i>2:45 PM</i>	4 inches	Mud		Shells
	No oxidized top	H2S smell		
<i>Other</i>	a common loon fishing just offshore, two northern harriers migrating above the beach, Saw jelly fish, dog and people. Saw people walking by the sane, saw fish and birds flying.			