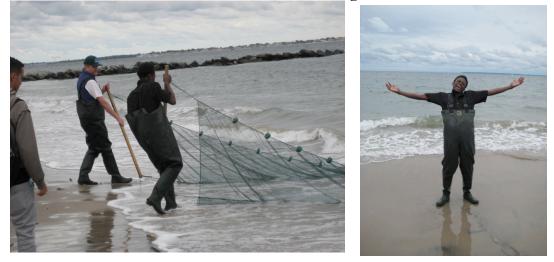
Snapshot Day 10/14/10 Data (Salt Front RM 36) Brighton Beach, Brooklyn NY Carol Ma – International HS @ Lafayette, K337 160 students, 9th & 10th graders



Location: Brighton Beach, Brooklyn

Area: Beach mainly

Surrounding Land Use: 65% residential; 10% forested; 5% recreational; 20% commercia **Sampling Site:** Beach,

Depth:

Plants in area: No plants in the water

ITEM	Time	Reading 1	Reading 2	Comments		
Physical						
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					
Water Condition	Calm at noon but choppy by 1PM					
Water	12:32 PM	28°C		Average		
Temperature		18 °C		21.33°C		
-		18 °C				
	Because the water is cool and cool water has more oxyg than hot water I expect to find a lot of oxygen in the wat					
Turbidity	Water					
secchi	looks clean					

Chlonophull	1:00 PM	0	Color is				
Chlorophyll	1.00 PM	0					
			light means little				
			chlorophyll				
Chemical							
DO	12:02 PM	4 mg/L	21.33°C	Oxygen			
(drop count kit)				level very			
				low - 40%			
				saturated			
pH meter	12:04PM	8.0		pH is			
				healthy			
Salinity							
Fish Catch	Total	Fish					
	~30	Atlantic					
		Silverside					
	1	Northern		3 cm long			
		Kingfish					
Tides							
Currents							
Core –	Length	Common	Rare	Comment			
1:37 PM	5.5 inches	Clay, mud,	sand	No H2S			
		stones		smell or			
				oxidized top			
Pollution		There are no garbage cans on the sand but there are on the					
	boardwalk. I have seen garbage in the water today. If						
	there are more people they will throw more things in the						
	water and this will make pollution increase.						
Biotic Organisms	Plants, Animals, Birds, People. I saw birds and fishes.						
I saw &	People can do fishing and sell them and earn money.						
observations	People can eat fish.						
Abiotic things I	Sand, water, rocks, metal. I saw broken glass, papers,						
notone mings i	Sund,		0	s, papers,			