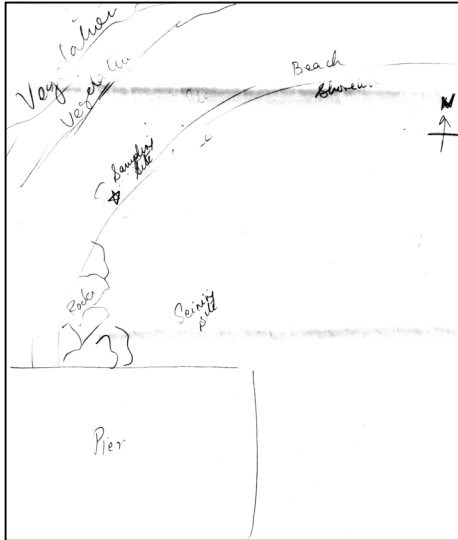


Snapshot Day 10/8/09 Data
(Salt Front RM 60.3)
Canarsie Pier, Jamaica Bay, Brooklyn NY
N 40.37'49.0" - W-73.53'00.98"
Ragini Singhal – Robert Van Wyck MS 217
31 students, 10-13 yr. olds' MS



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
Depth: 1 to 1.5 deep, sandy bottom
Plants in area: 0% of the beach was covered with plants

SAMPLE SITE AT THE WATER

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11:15 AM	20.1°C		
Wind Speed	Beaufort #2			Water calm
Cloud Cover	clear			
Weather today	No rain -	Weather started calmly but around noon a little breeze started		
Weather recently	Approx. 65 degrees with little temp. variation and a little rain.			
<i>Water Temperature</i>	11:00 AM	17.01°C 17.11°C 17.23°C		Avg. 17.12°C
<i>Turbidity secchi</i>	1:15 PM	229 cm		
<i>Chlorophyll</i>	11:30 AM	0.1		
<i>Chemical</i>				
DO (drop count kit)				
pH meter	11:00 AM	7.55 7.77 7.77		7.67 average

Salinity				
<i>Fish Catch</i>	Total	Fish		1 seine
	14	Barnacles		
	5	Bivalves		
	3	Blue Crab		
	15	Comb Jellies		
	3 to 4	Hermit Crabs		
<i>Tides</i>	10:55 AM			
	12:50 PM	Falling	2 ft. drop	
<i>Currents</i>				
<i>Boats</i>				
<i>Core – 11:10 AM</i>	5 inches in total with 3 layers - darker layer sandwiched between lighter layers	2.2 inches top	1 inch second layer – dark middle section	1 inch bottom layer
	Abundant – sand	Rare – Gravel, pebbles, wood	Shells inside	Smell of sea water