

**Snapshot Day 10/8/09 Data
 (Salt Front RM 60.3)
 RM 8 at the Bronx River
 Hunts Point Riverside Park, Bronx, NY
 Damian Griffin & Anne Marie- The Ronfola Bronx River Alliance
 Brooklyn T. Washington MS, 54
 40 students, 8th graders
 Lat 40.8172 – Lon. -73.8810**



Location: Hunts Point, Riverside Park, Bronx River
Area: Mostly used for boating and fishing
Surrounding Land Use: 5% beach; 95% industrial/commercial
Sampling Site: Beach, pier, shoreline riprap, covered with vegetation, debris in the area
River Bottom: Sandy, Muddy, Rocky
Plants in area: Yes – 10-15%



<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
Wind Speed				
Cloud Cover	Clear			
Weather today	No rain	Mild and warm, but a cool wind		
Weather last 3 days	Sunny & windy			
<i>Water Condition</i>	Calm			

Water Temperature	11:00 Am	18°C		
	11:24 AM	18°C		
	11:35 Am	17°C		
	11:39 AM	17°C		
	12:00 PM	19°C		
Turbidity secchi	11:00 AM	44 cm 31 49		41 cm
	11:30 AM	70.2 cm 72 cm 72 cm	88.1 cm from end of pier	71 cm avr.
	12:15 PM	35 cm 40.03 cm 46.81 cm	Read off the dock	40.5 cm
Chlorophyll	12:32 PM	0.1		
Chemical				
DO (drop count kit)	11:20 AM	5.6 5.75 6.1 Average 5.9 mg/L	18°C	55% saturation
pH	11:00 AM	7.3 8.0 7.4		7.56 average
	11:30 AM	8.1 8.2 8.2		8.2 average
	12:00 PM	7.8 7.6 7.6		7.7 avg
Salinity - hydrometer	11:44 AM	15 ppt 15 15	11:25 AM	23.6 21.3 ppt 22.0
Fish Catch	Total	Fish		3-4 seines
Seine – 5 ft. – 3 min. pull	40	Atlantic Silverside	3 inch	Caught a school
		Glass shrimp		
	20	Moon Jellies	4 inches	
	7	Asian Shore	2 inches	

		Crab		
Tides	11:12 AM	217.5 cm		7'3"
Falling	11:29 AM	195.0	1.33 cm/min	6'6"
Falling	11:32 AM	190.0	1.6 cm/min	6'4"
Falling	11:51 AM	187.5	0.16 cm/min	5'3"
Currents 1.22.84	660.55 cm/60 secs	11.09 cm/sec	0.22 kts.	South - Ebb
Ships	?	White	Southbound	Light
Other	Test positive for e-coli; boat fishing; crane; bird sitting on the rocks; Fish and crabs in the river,			
Observations	<p>Glass shrimp's tail felt and looked like real-glass- hard and see through and brittle. They had 2 eyes and antennas. They were the size of my ring finger and didn't move much. Also caught some green seaweed;</p> <p>The moon jellyfish were clear and almost invisible. Their mouths are microscopic and they do not swim. Since they are almost invisible, species swim into their mouths – that is how they catch their prey. They look like a blob and felt like hand sanitizer, They are very slippery and hard to pick up.</p> <p>Silversides are silver and grey and are not bottom feeders. They swim very fast and in a school. All three different creatures caught were small and seemed to hide on the bottom.</p> <p>Asian shore crabs looked like American crabs and they were red and white with 2 antennas and six legs. Their heads are slightly larger than the American crabs of the same size.</p>			