

Snapshot Day 10/14/10 Data
(Salt Front RM 36)
RM 8 at the Bronx River
Hunts Point Riverside Park, Bronx, NY
Anne Marie Nowak, Booker 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	11:30 AM	63°F		
Wind Speed				
Cloud Cover	Cloudy			
Weather today	No rain	Mild		
Weather last 3 days	Sunny & windy, a few rain events			
<i>Water Condition</i>	Calm			
<i>Water Temperature</i>	11:00 AM	12°C		
<i>Turbidity secchi</i>	11:30AM	1 meter (100 cm)		
<i>Chlorophyll</i>				

<i>Chemical</i>				
DO (drop count kit)	11:20 AM	6.0 mg/L	12°C	55% saturation
pH	11:30 AM	7.5		
Salinity - hydrometer	10:45 AM	13 ppt*		* from the standardized salinity run
<i>Fish Catch</i>	Total	Fish		
<i>Seine – 5 ft. – 3 min. pull</i>	~24	Mummichogs		
	~90	Grass shrimp		
	few	Sand Shrimp		
<i>Tides</i>	10:30- 12:30 PM	Running upriver (flooding) the full 2 hrs. we were there		
<i>Currents</i>				
<i>Other</i>	The students didn't think there would be fish in the river!			
<i>Observations</i>				