

Snapshot Day 10/7/08 Data
(Salt Front RM 63.4)
RIVER MILE East River 1 East
Courtney Worrall , Coastal Marine Resource Center
Noelle Scoca, Brooklyn International High School, 11th grade – 20 students

Location: South of the Manhattan Bridge

Area: 80% Urban; 2% forested, 5% beach, 10% industrial/commercial; other 3%

Surrounding Land Use: 20% large rocks; 50% natural (plants and grass); 12-40% buildings; 10% sand & other (*note numbers provided add up to >100%*)

Sampling Site: Rocky shoreline (rip rap), bulkhead

Plants in area: Low biodiversity, not many species of plants; 52% of land area is plants

Water depth: 10%

River Bottom –sandy, muddy, rocky 80%

<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	Clear and cool			
Weather last 3 days				
<i>Water Temperature</i>				
<i>Turbidity</i>				
<i>Chlorophyll</i>	9:52 AM	0.3		
	10:07	0.5		
	10:12	0.3		
	10:50	0.1		
	11:00 AM	0.3		
	11:00 AM	0.3		
<i>Chemical</i>				
DO				
pH				
Salinity				
<i>Fish Catch</i>				
<i>Tides</i>				
<i>Currents</i>				
<i>Other Items</i>	boats			
<i>Core Description</i>	Mix of fine & large grains	No plant material	No visible layers	Orange & black soil mix