

**Snapshot Day 10/8/09 Data
 (Salt Front RM 60.3)
 RIVER MILE East River 1 West
 Tara LaPorte, Lower East Side Ecology Center
 Jaclyn Hoahing, University Neighborhood High School
 11th -12th grade, 24 students**



Location: Beach under the Brooklyn Bridge, 125 ft. North of Dover St., Manhattan side
Area: Pier and path for recreational walking, jogging, bike riding and fishing. The surrounding land is sandy with water – beach like. Water best used for fishing & boating. Lots of rocks and sand. Beach is opened to the public but no swimming. Also near a parking lot.
Surrounding Land Use: Urban/residential 50%; Industrial/Commercial 40%; Beach 10%
Sampling Site: Sandy, Beach, covered in vegetation, banks altered, bulkhead with timbers, RipRap. Piping entering river
Plants in area: 5-10% of area – list below
Water depth: 3.5 ft.
River Bottom –weedy
Plants: Vesiculosus (bladder wrack); Sea Lettuce; Lace red weed; bushy red weed; Filiformis; Twig weed.

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:52 AM	72°F 22°C		
Wind Speed	Beaufort #3			South
Cloud Cover	Partly cloudy	No rain		
Weather last 3	Rainy and windy yesterday			

days				
Water surface	choppy			
Water Temperature - Depth 2 ft.	11:25 AM	70°F 20°C	65°F 18°C	Avg 67°F 19°C
	11:45 AM	68°F 19°C	66°F 19°C	Avg 67°F 19°C
Turbidity				
<i>Long site tube</i>				
Chlorophyll	11:15 AM	.5-.7	11:25 AM	.3
Chemical				
DO - drop count kit	10:50 Am	18°C	4 ppm	40%
		19 °C	8 ppm	85%
pH	10:45 AM	7.9 7.7		Avg, 7.8
	11:55 AM	7.7		
	11:51 AM	8.0 7.7 7.8		Avg. 7.8
Salinity (Hydrometer)	11:25 AM	25 ppt 27 23		Avg. 25 ppt
	11:46 AM	22 ppt 23 26		Avg. 24 ppt
Fish Catch	Number Caught	Species		
Other organisms				
Tides				
	10:45 AM	20 ft.		
	11:33 AM	21 ft.	rising	
Currents				
Evidence of pollution	garbage	pollution		
Shipping	10:06 AM	DEP white	Northbound	Full
	10:07 AM	Police blue	Southbound	Empty
	10:40 AM	Coastguard white, orange, black	Northbound	Empty
	11:15 AM	Zephyr, white & blue		
Other Items	FOUND A RED-EARED SLIDER TURTLE ON THE BEACH			

	(didn't look so well). There are people fishing, exercising, birds flying on water and on land. Lot of garbage in the water and on the beach.
--	---