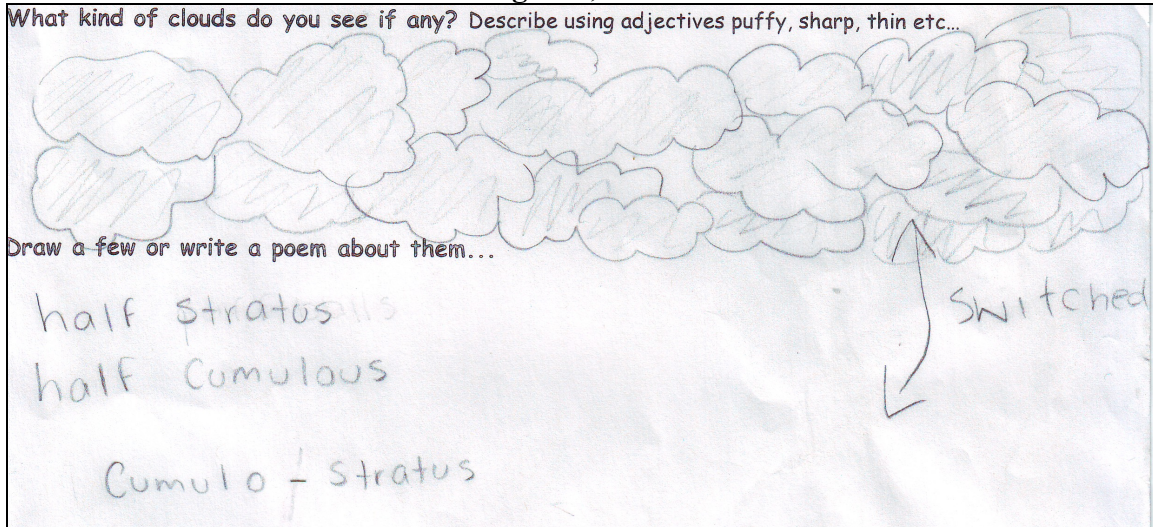


**Snapshot Day 10/18/11 Data**  
**(Salt Front RM 35.7)**  
**RIVER MILE East River 1 West**  
**Dan Tainow, Lower East Side Ecology Center**  
**Michael Paoli, Ella Baker School**  
**7th-8th grade, 24 students**



**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.

**Approaching the site:** On the bus ride to the site we saw that 55% was concrete, 30% was greenery; there were a lot of clouds so I made 15% water for the vapor in the clouds.

**Surrounding Land Use:** Urban/residential 20%; Forested 15%; Industrial/Commercial 10%; Beach 20%; other 35%

**Sampling Site:** Sandy, Beach, covered in vegetation, banks altered, bulkhead with timbers, RipRap. Piping entering river

**Plants in area:**

**Water depth:**

**River Bottom –**

**Plants:**

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11:05 AM	68°F 20°C		
Wind Speed		East wind		
Cloud Cover	clear	No rain		
Weather last 3 days				

<b><i>Water surface</i></b>				
<b><i>Water Temperature -</i></b>	11:01 AM	66.2°F 19°C	66.2°F 19°C	Avg 66.2°F 19°C
<b><i>Turbidity Long site tube</i></b>	10:43 AM	25 cm 28 cm 25 cm		Avg 26 cm
<b><i>Chlorophyll</i></b>				
<b><i>Chemical</i></b>				
DO - drop count kit				
pH	10:40 AM	8.0 8.0		Avg, 8.0
Salinity (Hydrometer)	10:22 AM	17 ppt 17 ppt		Avg.17 ppt
<b><i>Fish Catch</i></b>	<b><i>Number Caught</i></b>	<b><i>Species</i></b>		
<b><i>Other organisms</i></b>				
<b><i>Tides</i></b>				
<b><i>Currents</i></b>	10:50 AM	ebb		
<b><i>Evidence of pollution</i></b>				
<b><i>Shipping</i></b>	White	Zephyr	Northbound	Full
	White	East River Ferry	Northbound	Full
	White	Seastreak	Northbound	Empty
<b><i>What would you change about what you see?</i></b>	I would improve the amount of litter. I would change the fact that cars run on gas and make the cars run on vegetable oil.			