

**Day in the Life of the Hudson River 10/10/13 Data**  
**(Salt Front RM 69.3)**  
**RIVER MILE East River 1 West**  
**Dan Tainow, Lower East Side Ecology Center**  
**Michael Paoli, Ella Baker School**  
**7th-8th grade, 15 students, 5 adults**

**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:**

**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	10:00 AM	60°F 16°C		
Wind Speed		4-6 MPH	NE	
Cloud Cover	overcast	Some rain before 10AM		
Weather last 3 days	Some rain, fall like weather with sun also			
<i>Water surface</i>				
<i>Water Temperature -</i>	10:00 AM	59°F 15°C		
<i>Turbidity Long site tube</i>	10:10 AM	56 cm		
<i>Chlorophyll</i>	10:00 AM	0.7 color chart		
<i>Chemical</i>				
DO - tablets	10:00 AM	9 ppm	15°C	87% saturation
Salinity	10:30 AM	24 ppt 27 ppt	Hydrometer refractometer	

<b><i>Fish Data</i></b>	<b>Time</b>	<b>Fish Catch</b>	<b>Totals</b>	
		Atlantic Silverside	1	
		Comb Jellies	20	
<b><i>Tides</i></b>	6:25 AM	Low	Flooding	
<b><i>Currents</i></b>				
<b><i>Core</i></b>	4 inches	Sand, gravel, pebbles evenly mixed	One water chestnut pod	