

**Day in the Life of the Hudson River 10/16/14 Data  
(Salt Front RM 65.9)**

**RIVER MILE East River 1 West  
Dan Tainow, Lower East Side Ecology Center  
Michael Paoli, Ella Baker School  
7th-8th grade, 25 students, 3 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

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<b><i>Physical</i></b>	<b>9:30-11:00 AM</b>			
Air Temperature		°F °C		
Wind Speed		4-7MPH	S	
Cloud Cover	overcast			
Weather today	Rain! Warm and humid			
Weather last 3 days	RAIN last night 1.75 inches! Humid last few days with tropical storm			
<b><i>Water surface</i></b>				
<b><i>Water Temperature -</i></b>		65°F 18°C		
<b><i>Turbidity Long site tube</i></b>		64 cm		
<b><i>Chlorophyll</i></b>		0.1 color chart		
<b><i>Chemical</i></b>				
DO - tablets		10 ppm	18°C	105% saturation
Salinity - color match test kit		28 ppt 28 ppt	Hydrometer refractometer	
pH		7.6		
<b><i>Tides</i></b>	LT 9:11 AM	For the full sampling	Flooding	
<b><i>Currents</i></b>				