

Day in the Life of the Hudson River 10/20/15 Data
RIVER MILE East River 1 West
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4th, 5th & 8th graders, 27 students, 6 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.

Surrounding Land Use: Urban/residential 60%; Forested 10%; Industrial/Commercial

20%; Beach 10%;

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

Plants: 5% seaweed

Water Surface: choppy

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	NR	°C		

Wind Speed	NR			
Cloud Cover	26-50%			
Weather today	No rain			
Weather last 3 days	Cold			
<i>Water Temperature -</i>	11:10 AM	16.68°C 62 F		
<i>Turbidity Long site tube</i>	11:10 AM	76.7 cm 84 cm 54 cm	71.6 cm average	
<i>Chemical</i>				
DO - tablets	NR			
Salinity – used two instruments	11:00 AM	26.4 ppt	Refractometer Hydrometer	
pH – color match		6.0		
<i>Tides</i>	10:25 AM	Flooding		
<i>Currents</i>	NR			
<i>Shipping – commercial</i>	10:40 AM	Red	Northbound	Light
	10:44 AM	Blue & White		Loaded
<i>Observations</i>	Lots of seaweed on the rocks, and large pieces of wood tossed up. Lots of seagulls.			