

Day in the Life of the Hudson River 10/20/16 Data
(Saltfront ~ RM 83)
RIVER MILE East River 1.9 West
Kaitlyn Parkins, the Lower East Side Ecology Center
Scott Wassmuth, NYC Museum School
33 - 10th graders, 3 adults

Location: Brooklyn Promenade - 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	NR			
Weather today	No rain			
Weather last 3 days	Warm and dry			
<i>Water Temperature -</i>	NR			
<i>Turbidity</i> <i>Long site tube</i>	NR			
<i>Chemical</i>				
DO - tablets	NR			
Salinity – used two instruments	AM	25 ppt	Refractometer Hydrometer	
pH – color match	NR			
<i>Tides</i>	NR			
<i>Currents</i>	NR			
<i>Fish results</i>	<i>Totals</i>	<i>Species</i>	<i>Length</i>	<i>Totals</i>
	46	Atlantic Silversides		
	1	Striped Bass		
	1	White Mullet		
	1	Summer Flounder		