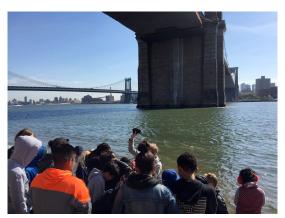
Day in the Life of the Hudson River 10/20/15 Data RIVER MILE East River 1 West Molly Thurman for the Lower East Side Ecology Center Elizabeth O'Ferrall Ella Baker School



<sup>th</sup>, 5<sup>th</sup> & 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

ITEM	Time	Reading 1	Reading 2	Comments
Physical				
Air Temperature	NR	°C		

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