

A Day in the Life of the Hudson River 10/16/14 Data
(Salt Front RM 65.9)
RIVER MILE East River 1 East – Brooklyn Bridge Park Pier 6
Isa Del Bello, Brooklyn Bridge Park Conservancy & Kathy Nolan, St. Frances
College
PS8 & MS447 Schools (District 13 & 15) - 20 - 7th graders & 3 adults
40.6965399 N – -73.99798420000002 W

Location: South of the Manhattan Bridge @ the new Brooklyn Bridge Park Pier 6

Area: 100% Urban/residential

Surrounding Land Use: Urban residential 100%,

Sampling Site: Concrete bulkhead

Plants in area: no plants noted in water

Water depth:

River Bottom –

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	4:15 PM 5:15 PM	21.1°C 70 °F	5:30 PM	21.1°F 70 °F
Wind Speed	4:30 PM	Beaufort 2		
Cloud Cover	4:00 PM clear			
Weather today	Rain in the AM 1.11 inches			
Weather last 3 days	Light rain last few days - humid			
<i>Water Surface</i>	Choppy			
<i>Water Temp.</i>	5:05 PM	18.5°C 65.3 °F	18.4°C 65.12 °F	
	5:30 PM	18.6°C 65.48 °F	18.4°C 65.12 °F	
<i>Turbidity – site tube</i>	5:00 PM	20 cm 48 cm 21 cm 46 cm 20 cm		Average 31 cm
<i>Chlorophyll</i>				
<i>Chemical</i>				
DO - tablet	5:00 PM 5:20 PM		3.0 mg/L 4.0 mg/L	
pH – meter	4:55 PM 5:00 PM	7 7	7 7	Average 7
Salinity – hydrometer	4:43 PM	21 ppt		
<i>Fish Catch –</i>	Isopod	Sea sponge	1	

<i>seine 20 ft.X4ft. 3/16 mesh</i>	Glass shrimp Sea squirts	Oyster		
<i>20 ft pulls X4 times</i>			1	
<i>Minnow trap</i>	DIVERSITY	1	TOTALS	2
	Macros	Ctenophores (Comb Jellies)	MANY	
<i>Tides</i>	4:30 PM	Close to high but falling	Falling	
<i>Currents</i>				
<i>Other Items</i>				
<i>Shipping</i>	4:38 PM	Sailboat	red	South Loaded
	4:38 PM	Ferry	White	East Loaded
	4:39 PM	NY Water Taxi		South Loaded
<i>Observations</i>				