

Day in the Life of the Hudson River 10/20/15
RIVER MILE -6
Steeplechase Pier, Coney Island, Brooklyn NY
Deborah Sarria, Andries Hudde JHS 8th graders
51 students, 7 adults
40°, 34'N - 73°, 59'W

Location: Steeplechase Pier, Coney Island, Brooklyn NY

Surrounding Land Use: Beach 100%

Sampling Site: Beach areas with pier and riprap shoreline

Plants in area: No plants in the area

River bottom: Sandy

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
Physical				
Air Temperature	11:15 AM 12:15 PM	15°C 16°C	59°F 60.8°F	
<i>Wind Speed</i>	5.2 mph	East	<i>Water Surface</i>	Choppy
Cloud Cover	Clear	Weather Today	No rain	
Weather last 3 days	There was no precip in the last 3 days. The cloud cover ranged from clear to part cloudy, Air temperatures 39-59°F			
<i>Water Temperature</i>	11:24 AM	13.6°C 13.6°C 13.6°C	56.5°F 56.5°F 56.5°F	Avg 13.6°C 56.5°F
	11:50 AM	14.6°C 14.6°C 14.5°C	58.3°F 58.3°F 58.1°F	Avg 14.56°C 58.23°F
	12:20 PM	14.7°C 14.6°C 14.7°C	58.5°F 58.3°F 58.5°F	Avg 14.66°C 58.43°F
<i>Turbidity Sight Tube</i>	11:30 AM	107 cm 120 cm 117 cm	Average 114.7 cm	
	12:34 PM	110 cm 95 cm 96 cm	Average 110.3 cm	
Chemical				
DO (meter)	11:50 AM	14.6°C	9.46 ppm	90 %
pH	11:14 AM	7 7 7	Average 7	

Salinity (Hydrometer)	11:07 AM	30 ppt 30 ppt 30 ppt	30 ppt	
Tides –	11:44 AM 12:17 PM 12:40 PM	set Unchanged Rising	400 cm 400 cm 450 cm	---- ---- 2.2 cm/min
Currents	NR			
Fish – minnow traps ----- Diversity – 1 Total Catch –50	11:00 AM	50	Silversides	10 cm
Macroinvertebrates Diversity – 1 Total Catch 6		6	Lady Crabs	
Shipping - Commercial	11:20 AM 11:35 AM 11:50 AM 12:10 PM	Cargo Cargo Cargo Cargo	South North North South	Loaded Loaded Loaded Loaded
Recreational	11:35 AM	Parasail		