

**Day in the Life of the Hudson River 10/22/19 Data
BROOKLYN BRIDGE PARK (EAST), BROOKLYN
RIVER MILE: 1.7 (East River)**

Salt Front: ~RM 53

Sunset High School, Katie McCarthy

95 students 11^h grade, 8 adults

Tanasia Swift and staff Billion Oyster Program, 4 Adults

Latitude 40° 41'44" N & Longitude – 73° 59'60" W

Location: Pier 5 of Brooklyn Bridge Park, Brooklyn, NY

Area: Developed set of piers

Surrounding Land Use: 100% Urban/residential and park land

Sampling Site: South of boat marina and in front of the soccer field.

Shoreline: Rocky shoreline, riprap, concrete bulkhead

Water: Choppy

River Bottom: Sandy

Sample times: Sampling 11AM to 3 PM no times on submitted data

<i>ITEM</i>		<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical					
<i>Air Temperature:</i>		N/R		Windspeed	<i>Avg 3.875 mph</i>
<i>Weather Today:</i>		Partly cloudy (26-50%) cool breeze			
<i>Weather Previous:</i>		N/R			
Water Temperature			16 degrees C	62 degrees F	
Turbidity -		Secchi -	57 cm average	Sight tube	95 cm average
Chemical					
<i>Salinity-</i>		Hydrometer	24.5 ppt	Refractometer	22 ppt
<i>DO –</i>		5 ppm			
<i>Nitrates</i>		0.017 ppm			
<i>Fish –</i>		N/R			
Tides-		Time	Cm		
		11:26 AM	64 cm		
		1:07 PM	412 cm		
Currents-		Time	Distance in meters	Seconds	cm/Ssec
	NR	4.2 m	25	16.8 cm/sec	
Other Observations	NR				
Ships	NR				