

**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*  
**Brooklyn Friends School- Janet Villas**  
**70 students 8<sup>th</sup> grade, 10 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:** 9-11 AM

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<b>Physical</b>	<b>9AM</b>	<b>10AM</b>		
<i>Air Temperature:</i>	16.7 ° C	16.7 ° C		
<i>Weather Today:</i>	Partly cloudy (26-50%) cool breeze			
<i>Weather Previous:</i>	N/R			
<b>Water Temperature</b>	15.8 ° C	16.7 ° C		
<b>Turbidity - secchi</b>	300 cm	300 cm		
<b>Turbidity – long site tube</b>	77 cm	82 cm		
<b>Chemical</b>	<b>9AM</b>	<b>10 AM</b>		
<i>Salinity- venier probe</i>	16.2 ppt	15.7 ppt		
<i>DO – Meter</i>	13.7 ppm	15.8 ppm		
<i>pH - meter</i>	7.5	7.5		
<i>Nitrates</i>	1 ppm	1 ppm		
<b>Animal Life – Bucket of water through a sieve</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>	
	N/R N/R	Sea Robin Blackfish	<b>Diversity 2</b>	
<b>Macroinvertebrates</b>	N/R N/R	Barnacles Shore Shrimp	<b>Diversity 4</b>	
	3	Green Crab		
	N/R	Amphipod		

<i>Tides- dock to water</i>	<i>cm/second</i>	<i>Rising, Falling, Unchanged</i>	<i>North/South</i>		
N/R					
<i>Currents- N/R</i>	<i>Time</i>	<i>Name</i>	<i>Color</i>	Flood	
1:15 PM	Cormorants	Pair of wood ducks		<i>North or South</i>	
<i>Other Observations</i>	Cormorants				
<i>Ships</i>	Ferries	Barges	NYPD		