

**Day in the Life of the Hudson River 10/22/20**  
**BROOKLYN BRIDGE PARK (EAST), BROOKLYN**  
**RIVER MILE: East River 1.7**

*Salt Front: ~ RM 75*

**Brooklyn Bridge Park Conservancy**– Christina Tobitsch, 5 participants  
**Latitude 40.70445 N & Longitude – 73.99373 W**



**Location:** Pier 5 of Brooklyn Bridge Park, East River, 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

**River Bottom:** Sandy

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<b>Physical</b>				
<i>Air Temperature</i>	9:00 AM	18.3 °C	65 °F	
<i>Wind Speed:</i>	NR			
<i>Weather today</i>	Foggy, overcast			
<i>Weather past 3 days:</i>	Consistent			
<i>Tides-</i>	<i>Low Tide</i>	<i>High Tide</i>	<i>Time of Sampling</i>	<i>Tide</i>
	7:25 AM	1:39 PM	9:30 AM	Flood
<i>Current-</i>	<i>Time</i>	<i>cm/second, Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
	NR			
<i>Water Temperature-</i>	9:30 AM	17.2 °C	63 °F	
<i>Turbidity- Long sight tube</i>	11:30 AM	105 cm		
<b>Chemical</b>				
<i>Salinity- Meter</i>	9:30 AM	24.3 ppt		
<i>DO – Meter</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	9:30 AM	17.2 °C	6.7	80
<i>pH – Meter</i>	9:30 AM	8.5		
<b>Biological</b>				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
	518	Atlantic Silverside	11 cm	
	1	Winter Flounder	9 cm	
	3	Striped Bass	12 cm	
<b>Fish Totals</b>	<b>TOTAL: 522</b>	<b>Diversity: 3</b>		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>

	1 3 1 15	Blue Crab Long clawed hermit crabs Oyster drill snail Comb Jelly	7 cm	
<b>Macroinvertebrate Totals</b>	<b>TOTAL: 20</b>	<b>Diversity: 4</b>		
<b><i>Sediment Core</i></b>	<b><i>Time</i></b>	<b><i>Oxidized Top</i></b>	<b><i>Grain Size</i></b>	<b><i>Other Features</i></b>
NR				
<b>Boats</b>	<b>Time</b>	<b>Name/Color</b>	<b>North/South</b>	<b>Loaded/Light</b>
NR				
<b>Observations</b>	Spider crab carapace and empty mussel and soft shell clam shells. Also some crazy looking large kelp-like algae that we've never seen here before!			