

**Day in the Life of the Hudson River 10/12/17 Data**  
**RIVER MILE 4.1**  
**(Salt Front ~ RM 65)**  
**Buono Beach, Staten Island, NY**



**Mary Leou, Tania Goicoechea &  
Wallerstein Collaborative for Urban Environmental Education/NYU (6 Adults)**  
**David Scheffler, Curtis High School, 14 Marine Science Students**  
**40°36'56.5"N and 74°03'46.4"W**



**Location:** Buono Beach at Alice Austen House, Staten Island  
**Area:** Waterfront walkway and beach area. Mainly sand.  
**Surrounding Land Use:** 60% urban/residential, 40% beach  
**Shoreline:** beach with RipRap  
**Sampling Site:** sandy, rocky bottom  
**Plants in area:** None



<i><b>ITEM</b></i>	<i><b>Time</b></i>	<i><b>Reading 1</b></i>	<i><b>Reading 2</b></i>	<i><b>Comments</b></i>
<i><b>Physical</b></i>				
Air Temperature	10:30 AM	60.8°F	16°C	
	10:35 AM	64.4	18	

Wind Speed	NR			
Cloud Cover	10:35 AM	Mostly cloudy		
Weather today	Cloudy			
Weather recently	Windy			
Water description	Choppy			
<b><i>Water Temperature</i></b>	10:22 AM	68 °F	20°C	Avg: 20°C
	10:31AM	62.6, 62.6°F	17, 17°C	Avg: 17°C
<b><i>Turbidity – 60cm site tube</i></b>	10:31 AM	51.8cm	52.4cm	Avg: 52.1cm
<b><i>Chemical</i></b>	Time	DO	Temp	% Sat
DO	10:22 AM	5ppm	18°C	55%
Chemets Kit	10:31 AM	7, 7	17, 17	70, 70
pH – meter	10:22 AM	7.5		
	10:31 AM	7, 7		
Salinity	Time			
<i>hydrometer</i>	10:31 AM	27.7 ppt		
<b>Tides</b>	Tides were very strong and may have impacted the water speed.			
<b>Other Observations</b>	Rocks along the shoreline. Few bits of shell pieces and crab molts too. Mostly sandy area. Also saw rats, pigeons, Canadian geese, double-crested cormorant,			