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

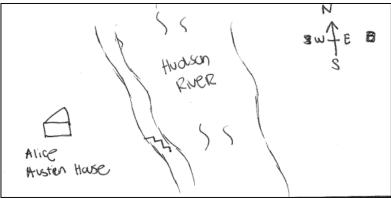
Area: Waterfront walkway and

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



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

W. 10 1	ND					
Wind Speed	NR					
Cloud Cover	10:35 AM	Mostly cloudy				
Weather today	Cloudy					
Weather recently	Windy					
Water description	Choppy					
Water	10:22 AM	68 °F	20°C	Avg: 20°C		
Temperature	10:31AM	62.6, 62.6°F	17, 17°C	Avg: 17°C		
Turbidity – 60cm	10:31 AM	51.8cm	52.4cm	Avg: 52.1cm		
site tube						
Chemical	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					
hydrometer	10:31 AM	27.7 ppt				
Tides	Tides were very strong and may have impacted the water speed.					
Other	Rocks along the shoreline. Few bits of shell pieces and crab molts too.					
Observations	Mostly sandy area.					
	Also saw rats, pigeons, Canadian geese, double-crested cormorant,					