## Day in the Life of the Hudson River 10/13/22 Valentino Pier, Red Hook, Brooklyn RIVER MILE: -2.3

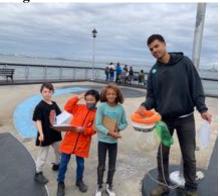
*Salt Front:* ~ *RM76* 

**The Brookyln New School**– Barbara Taragan 50 students & 10 adults

Latitude 40.6788656 N & Longitude – 74.01831 W









Location: Valentino Pier, Red Hook, Brooklyn, NY

Area: A large pier of rocks with a small rocky beach; large pier

Surrounding Land Use: 75% Industrial/Commercial; 10% Urban/Residential; 5% Beach; 10% Landscaped

area with seagrasses.

Sampling Site: Recreational pier and beach. Lots of fishing at the end of the pier.

**Shoreline:** Riprap

River Bottom: Sandy and rocky near the little beach area

\*NR = Not read/recorded

<i>ITEM</i>	Time	Reading	Comments						
		P	Physical						
Air Temperature- NR									
Wind Speed: NR		Anemometer		Beaufort	Direction				
Weather today	10:00 AM	>75% cloud cover		Drizzle for a few minutes					
Weather the past 3 days:	NR								
Tides- NR	Time	Rising, Falling, Unchanged		Water Height (cm)					
Current- NR	Time	Cm/sec	Knots	North/South	Ebb/Flood/Still				
Water Temperature-	11:00 AM	16°C		62°F					
<b>Turbidity-</b> Long Sight Tube (120 cm)	11:00 AM	80 cm			1				
		<i>C</i>	hemical						
<b>Salinity-</b> Hydrometer	11:00 AM	24 ppt							
<b>Standardized Salinity</b> – Refractometer	10:00 AM	26,000 ppm							
<b>DO</b> – Chemets Kit	Time	Temp 16°C		ppm DO	% saturation				
	11:00 AM			6 to 8 ppm	NR				
<b>pH</b> – Lamotte Wide	11:00 AM	7							

Range Kit											
Nitrates- NR											
Phosphates- NR											
Alkalinity- NR											
Biological-											
Fish – Oyster Cage	Numb	Number			Length of longest	Length of smallest					
10:00 AM		2		(Blackfish)							
Fish Totals	TOTA	TOTAL: 2		ty: 1		*also large tautog caught by fisherman					
Macroinvertebrates	Numb	Number			Length of longest	Length of smallest					
Macroinvertebrate Totals	ТОТА	TOTAL: 0		ty:0		*Mud crabs and mussels found in the					
						oyster cages					
Sediment Core - N/A											
Length	H2S smell	Oxid Top		Oil	Grain Size	Other Features					
NR											
Boats-NR											
	Time	Name		Color	North/Southbound	Light/Loaded					
Commercial NR											
Recreational NR											