

Day in the Life of the Hudson River 10/16/18 Data

VALENTINO PIER, BROOKLYN

RIVER MILE: -2

Salt Front: ~RM 24

The Brooklyn New School (PS 146)- Barbara Taragan

120 students 4th grade, 20 adults

Latitude 40.678656 N & Longitude – 74.018311 W



Location: Valentino Pier, Redhook, Brooklyn, NY

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

Surrounding Land Use: 5% Beach; 10% Urban/Residential; 75% Industrial/Commercial; 10% other- surrounding area landscaped with seagrasses. Fishing at the end of the pier

Sampling Site: Beach, pier

Shoreline: Riprap

River Bottom: Sandy and Rocky near the little beach area.

ITEM	Time	Reading	Comments	
Physical				
<i>Air Temperature:</i>	NR			
<i>Wind Speed:</i>		8-24 mph		
<i>Weather Today:</i>	NR			
<i>Weather Previous:</i>	NR			
Water Temperature	NR			
Turbidity -	NR			
Chemical				
<i>Salinity- hydrometer</i>		10 ppt		
<i>pH - Lamotte pH tablets</i>		7		
Fish – *From oyster cages	Number	Name	Length of longest	*Seining unsuccessful- high tide and net had a tear
	1	Tautog		
	TOTAL: 1	Diversity: 1		
Macroinvertebrates	Number	Name	Length of longest	

	1 1 1	Sea squirts Snails Scud Shore shrimp Mud Crab		
	TOTAL: 3+	Diversity: 5		
<i>Other Observations</i>	Trawled and found plastic and microplastic in all 16 trawls.			