

Day in the Life of the Hudson River 10/4/12 Data
RM -2 , Valentino Pier
Kerstin Kalchmayr, NY/NJ Baykeeper
Mira Rubens, PS 230 (NYC Dept. of Ed) 5th graders – 30 students, 7 adults
GPS Latitude N : 40°40'42. 10" - W-74°01'06.07



Location: Valentino Pier, Redhook, Brooklyn, NY

Area: beach area along the bay

Surrounding Land Use: Beach – 5%; Urban/residential 25%; Industrial/Commercial 60%; park 10%

Sampling Site: beach

Shoreline: beach area, Pier, riprap

Plants in area: No plants in water

Water depth: 10 feet

River Bottom : rocky near the little beach area

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
Wind Speed	Beaufort Force	1		
Cloud Cover	clear			
Weather today	drizzly			
Weather recently	Relatively warm weather the previous days, some precipitation			
<i>Water Temperature</i>	11:08AM	20°C 68°F		
<i>Water calm</i>	yes			
<i>Turbidity – secchi disk</i>	10:45 AM	122 cm		
<i>Chlorophyll</i>				
<i>Chemical</i>				
DO (YSI handmeter)	11:08AM	3.45mg/L	20°C	30%
<i>pH –YSI</i>	11:00 AM	7.6		
Salinity –	10:45 AM	22 ppt		22 ppt

hydrometer		22 ppt 22 ppt		
<i>Fish Catch</i> 30 ft. seine net with bag in middle	<i>Number Caught</i>	<i>Species</i>	<i>Length of largest</i>	<i>Macro Species</i>
	10	Atlantic Silversides	10 cm	
<i>Tides</i>				
<i>Currents</i>				
<i>Traffic</i>				
<i>Other Items</i>				
<i>Core</i>				