

**Snapshot Day 10/18/11 Data
(Salt Front RM 35.7)
RM -2 , Valentino Pier**

**Katie Mosher-Smith & Kerstin Kalchmayr, NY/NJ Baykeeper
Karine Kelley, PS 230 (NYC Dept. of Ed) 5th graders – 23 students
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 – 3%; Urban/residential 5%; Industrial/Commercial 60%; park 32%

Sampling Site: beach

Shoreline: 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	Some precipitation earlier that morning but the morning cleared up to bright sunny skies by the time we got out to the pier			
Weather recently	Relatively warm weather the previous days, sunny skies. Overcast and some precipitation earlier in the morning on Oct 18			
<i>Water Temperature</i>	11:27 AM	15°C 17 16		Average 16°C 60.8°F
<i>Water calm</i>	yes			
<i>Turbidity – long sight tube</i>	11:08 AM	100 cm 100 100		100 cm
<i>Chlorophyll</i>	11:15 AM	0.3		
<i>Chemical</i>				
DO (YSI handmeter)	11:49AM	6.9mg/L	16°C	70%
<i>pH –pen</i>	11:26 AM	8.02 8.04 8.7		8.25

Salinity – hydrometer	11:30 AM	15 ppt 18 ppt 16 ppt		16.3 ppt
<i>Fish Catch</i> 93 inch. seine net	<i>Number Caught</i>	<i>Species</i>	<i>Length of largest</i>	<i>Macro Species</i>
12:30 AM	7	Atlantic Silversides		
	1			Comb jelly
<i>Tides</i>				
<i>Currents</i>	12:36 PM	ebb		
	12:50 PM	ebb		
<i>Traffic</i>				
<i>Other Items</i>				
<i>Core</i>				