

**Snapshot Day 10/14/10 Data  
(Salt Front RM 36.0)  
RIVER MILE 4  
Pier 84**

**N 40.76544 W-73.99765**

**Lauren Donnelly & Crist Figueroa, Hudson River Park Trust  
Mark Soobyiah, Dana Goldberg & PS 51 Elias Howe School (50 fourth graders)**



**Location:** Pier 84, an educational pier. Picnics, boating, fishing take place at our sample site.

**Area:** Pier – bulkhead – mainly concrete & wood

**Surrounding Land Use:** 100% urban/residential

**Sampling Site:** Recreational pier – rocks near the edge, banks altered

**Bottom:** sandy, muddy, rocky

**Plants in area:** None

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11:18 AM	14.4°C 58 °F		
Wind Speed	Beaufort #2	4-7 mph	West	
Cloud Cover	Mostly cloudy			
Weather today	No rain -			
Weather recently	Monday rainy, Tues & Wed sunny			
<i>Water</i>	calm			
<i>Water Temperature</i>	10:05 AM	20°C	68 °F	Collected water in a shady area next to building –

<b><i>Water Temperature</i></b>	10:05 AM	20°C	68 °F	<i>Collected water in a shady area next to building – water calm</i>
<b><i>Turbidity Short site tube</i></b>	10:35 AM	20 JTU 20 JTU 20 JTU		20 JTU
<b><i>Chemical</i></b>				
DO (drop count kit)	10:50 AM	4.0 mg/L	20 ° C	40% saturated
pH indicator solution	9:30 AM	7 8		7.5
Salinity (hydrometer)	10:55 AM	6 ppt		6 ppt
<b><i>Fish Catch</i></b>				
<b><i>Tides (from dock)</i></b>	11:09 AM	550cm	5.5 m	
<b><i>Currents</i></b>	Cm/60 secs	Cm/sec North/South	Knots	Ebb/Flood/ Still
10:47 AM	Too fast to measure rate			Ebb
11:17 AM				Ebb
<b><i>Boats</i></b>	10:30 AM	NY Waterway	Intrepid	Docked
<b><i>Other Observations</i></b>				