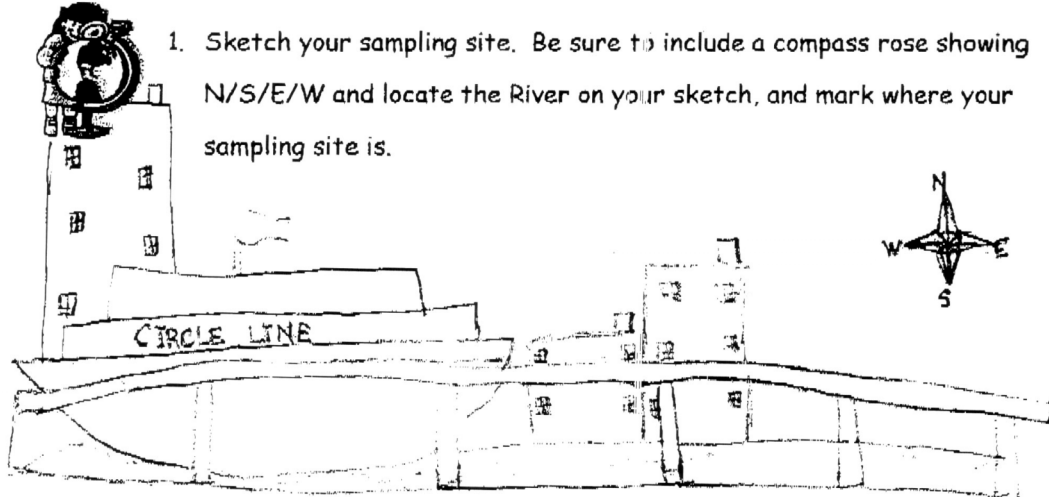


**Snapshot Day 10/7/08 Data
(Salt Front RM 63.4)
RIVER MILE 4
Pier 84
N 40.76544 W-73.99765**

**Lauren Donnelly & Crist Figueroa, Hudson River Park Trust
Mark Soobyiah, Dana Goldberg & PS 51 Elias Howe School (44 fourth graders)**



1. Sketch your sampling site. Be sure to include a compass rose showing N/S/E/W and locate the River on your sketch, and mark where your sampling site is.

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

Area: Pier – bulkhead – mainly concrete & wood

Surrounding Land Use: 80% urban/residential; 20% industrial/commercial

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

Depth: 400 cm, rocky bottom

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	9:26 AM	15°C 59 °F		
	9:55 AM	15°C 59 °F		
Wind Speed	11-16 kts	West		Water choppy
Cloud Cover	clear			
Weather today	No rain - clear			
Weather recently	Chilly, clear with medium to low wind			
<i>Water Temperature</i>	9:50 AM	14°C 13°C	57.2 °F 55.4 °F	Avg. 13.5°C

		13.5°C	56.3°F	56.3°F
	10:05 AM	14°C 14°C 14°C	57.2 °F 57.2 °F 57.2 °F	14°C 57.2 °F
	10:10 AM	14°C 14°C 14°C	57.2 °F 57.2 °F 57.2 °F	14°C 57.2 °F
	10:15 AM	14°C 13°C 14°C	57.2 °F 55.4 °F 57.2 °F	13.5°C 56.6 °F
<i>Turbidity Short site tube</i>	10:50 AM	20 JTU 20 JTU 20 JTU		20 JTU
<i>Chemical</i>				
DO (drop count kit)	10:50 AM	4.0 mg/L	14 ° C	39% saturated
pH indicator solution	10:05AM	7.4 7.4 7.4		7.4
Salinity (hydrometer)	10:15 AM	14 ppt 14 ppt 14 ppt		14 ppt
<i>Fish Catch</i>				
<i>Tides (from dock)</i>	9:12 AM	375 cm		
	9:40 AM	400 cm	falling	
	9:56 AM	400 cm	unchanged	
	10:26 AM	400 cm	unchanged	
	10:50 AM	410 cm	rising	
	11:11 AM	405 cm	* difference probably due to wave action	
<i>Currents</i>	Cm/60 secs	Cm/sec North/South	Knots	Ebb/Flood/ Still
9:12 AM	800	13 cm	.26 kts	Still
9:40 AM	800	13 cm	.26 kts	Still
9:56 AM	200	3 cm South	.06 kts	Ebb
10:26 AM	800	13 cm South	.26 kts	Ebb
10:50 AM	900	15 cm South	.3 kts	Ebb
<i>Boats</i>				
<i>Other Observations</i>				