

**Snapshot Day 10/7/08 Data
(Salt Front RM 63.4)
HARLEM RIVER MILE 13
Swindler's Cove Park on the Harlem River
Robin Wadsworth, New York Restoration Project
Amy Withers, PS311 Amstad – 5th grade (40 students)
GPS Latitude 40° 85694 N Longitude 73° 92180 W**

Location: Beach at Swindler Cove Park, next to the north end of Harlem River Drive, Manhattan

Area: There is a pier, beach, floating boathouse with a dock. Area used for boating, rowing, biking, walking, school groups

Surrounding Land Use: 5% forested, 5% beach, 80% Industrial/commercial, 10% other

Sampling Site: Beach area, covered with vegetation,

Plants in area:

Water depth:

River Bottom: sandy, muddy & rocky bottom

Plant Names:

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	12:25 PM	75°F		
Wind Speed	Beaufort Force #2	5.4 mph		
Cloud Cover	Clear			
Weather today				
Weather recently	Last 2 days temperature has been cool			
Water	Calm			
<i>Water Temperature</i>	12:25 PM	23° C 70° F		
	1:30 PM	20° C 70° F		
<i>Turbidity</i>	10:41 AM	13.2 cm	Secchi	
	11:50 AM	51 cm		
	1:23 PM	52.5 cm		
	12:25 PM	100 JTU	Short site tube	
<i>Chlorophyll</i>	10:41 AM	0.0	11:50 AM	0.3
<i>Chemical</i>				
DO Calm water in direct sun (LaMotte modified winkler)	12:25 PM	5-6 mg/L	Temp. 23° C	62% sat.
	1:30 PM	5-6 mg-L	Temp 20° C	60% sat.

pH –	10:41 AM	6.5	Test strips	
	11:50 AM	7.0	Test strips	
	13:30 AM	7.5	meter	
Salinity				
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Size</i>
<i>Tides</i>				
<i>Currents</i>				
<i>Core Sample Sediments</i>	<i>Whole core</i>	<i>Top layer</i>	<i>Bottom layer</i>	<i>description</i>
<i>Traffic</i>				
<i>Other Items</i>				