

Day in the Life of the Hudson River 10/10/13
(Salt Front RM 69.3)
HARLEM RIVER MILE 13
Swindler's Cove Park on the Harlem River
Mya Jenkins and the New York Restoration Project Staff (4)
Fatima Wilson -5th grade Bronx Charter School of Excellence (47 students), 4adults
GPS Latitude 40° 51'36"N – Longitude 73° 55'12"W
(40° 86 N -73° 92 W)



Back in School the students create an event wall!

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- forested and grassy area

Surrounding Land Use: 50% beach, 50% Industrial/Commercial

Sampling Site: Sandy, muddy beach area, covered with vegetation, riprap banks

Plants in area: grass, sycamore trees

Water depth:

River Bottom: muddy

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>	Sampling occurred between 10:00 AM to 2:00 PM			
Air Temperature				
Wind Speed				
Cloud Cover	Mostly cloudy	Overcast		
Weather today	drizzly			
Weather recently	Drizzly and cool			
Water	choppy			

<i>Water Temperature</i>	11:26 AM	17°C	62.6°F	
<i>Turbidity – long site tube</i>				
<i>Chlorophyll</i>				
<i>Chemical</i>	TIME	DO	Temp	
DO	11:26 AM	4 ppm	15°C	35% saturation
	12:05 PM	4 ppm	15°C	35 % saturation
	12:48 PM	4 ppm	16°C	40% saturation
pH –	11:05 AM	7.5		
	11:31 AM	8		
	11:49 AM	7		
	12:31 PM	8		
Salinity – chloride tablets	11:22 AM	14 ppt		
	12:00 PM	14 ppt		
	12:45 PM	14 ppt		
<i>Fish Catch –</i>	<i>Number caught</i>	<i>Species</i>		<i>Diversity & Total catch</i>
	2	<i>Atlantic Silverside</i>	DIVERSITY – 1 TOTAL CATCH–2	
<i>Macros</i>	4	<i>Blue Crab</i>		
	6	<i>Moon Jellies</i>		
<i>Tides</i>				
<i>Currents – 15 sec intervals</i>	1020 cm/15 sec	68 cm/sec	1-3 kts	Flood
	990 cm/15 sec	56 cm/sec	1-2 kts	Flood
	930 cm/15 sec	62 cm/sec	102 kts	Flood
	930 cm/15 sec	62 cm/sec	102 kts	Flood
<i>Core Sample Sediments</i>	<i>Length</i>	<i>Common</i>	<i>Present</i>	<i>Description</i>
<i>Traffic – recreational</i> (