

Snapshot Day 10/18/11
(Salt Front RM 35.7)
RIVER MILE 14
Inwood Hill Park Nature Center, NYC
Olivia Ramirez - Marble Hill School for International Studies – 9th grade – 15
students
Sunny Carrao, Urban Park Ranger
Latitude 40° 50'N/ Longitude 73° 55 W



Location: In the cove of Inwood Hill Park

Area: Forested

Surrounding Land Use: Forested 60%; urban residential 10%; Industrial/commercial 10%; 20% paved. Pier, bulk-headed, rip rap shoreline. Forested and used by people for picnics, jogging, sitting on park benches.

Sampling Site: large riprap on shoreline, drainage pipes in area, vegetation

Plants in area: Yes less than half area has plants. 10% of water area has plants. 10% mud wort, 10% common reed, 10% reed grass

Water depth: 55 cm

River Bottom – muddy, rocky

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
Wind Speed				
Cloud Cover	4:30 PM	Clear skies		
Weather today	No precipitation			
Weather recently	Windy			
<i>Water Temperature</i>	4:30 PM	57°F 13.89 °C		
Water surface:	calm			
<i>Turbidity</i>	4:40 PM	16 cm		Average 17 cm

<i>(long Site tube)_</i>		17 cm 18 cm		
	5:00 PM	28 cm 29 cm		Average 28.5 cm
<i>Chlorophyll</i>	4:50 PM	2		
<i>Chemical</i>				
DO meter				
pH	5:00 PM	8.0		
Salinity – quantabs	4:50 PM	1896 ppm Cl-	3425 ppm total salinity	
	5:10 PM	2660 ppm Cl-	4805 ppm total salinity	
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Seine</i>
Seined	28	Mummichog		
	4	Striped Bass		
	3	White Perch		
	3	Gizzard Shad		
	Few	Silversides		
<i>Totals</i>	<i>>40</i>	<i>Diversity</i>	<i>5</i>	
<i>Tides</i>				
<i>Currents</i>				
<i>Traffic</i>				
<i>Sediment Core description</i>				
<i>Other observations</i>	Key Words:	Cause – Effect Compare – Contrast Graph Interpretations Analogies		