

Snapshot Day 10/20/15
RIVER MILE 14
Inwood Hill Park Nature Center, NYC
Bernadette Wilson – PS 344 AmPark Neighborhood School – 5th grade – 56
students, 5 adults and assistance from the DEC and NYC Parks Team
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:

Water depth:

River Bottom – muddy, rocky

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>		<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:43 AM	60 F 15.6 C		
	11:57 AM	63 F 17 C		
	12:25 PM	72 F 22 C		
Wind	10:45 AM	Beaufort 1	Anemometer 1.8 mph	NE
Cloud Cover	0-25%			
Weather today	No rain, clear			
Weather recently	cold			
Water surface:	calm			
<i>H2O Temperature</i>	10:36 AM	20 C 18 19	Average 19 C	
	11:04 AM	15C 16	Average 15.75 C	

		15		
	11:11 AM	14C 15 16	Average 15 C	
	11:31 AM	16.7 16.7 17.7	Average 17 C	
Turbidity (short site tube)	11:40 AM	100 JTU 100 JTU 100 JTU		
Chemical				
DO Drop Count test kit – estuary wide	11:35 AM	3 ppm		
pH	11:08 AM	6.25 6.0 6.25	6.25 Average	
Salinity – refractometer	11:44 AM	1.010 1.010 1.012	13 ppt 13 ppt 15 ppt	Average 14 ppt
Fish Catch	Number Caught	Species	CPUE	Seine
Used seine	Lots of (~40)	Mummichogs		
	1	Striped Bass		2 species
Tides	Time	Height	Rise/Fall/Unch	
	10:30 AM	10 cm	Unchanged	
	10:40 AM	10 cm	Unchanged	
	10:50 AM	10 cm	Unchanged	
	11:03 AM	10 cm	Unchanged	
	11:21 AM	10 cm	Unchanged	
	11:50 AM	11 cm	Rising	
	12:04 PM	12 cm	Rising	