

Snapshot Day 10/10/13
(Salt Front RM 69.4)
RIVER MILE 14
Inwood Hill Park Nature Center, NYC
Bernadette Wilson – PS 344 AmPark Neighborhood School – 4th grade – 25
students, 5 adults and a 2 person seining 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>			Wind Speed	
Air Temperature				
Cloud Cover	cloudy			
Weather today	Temperature cool and rain threatened			
Weather recently				
<i>H2O Temperature</i>				
Water surface:				
<i>Turbidity</i> (short site tube)	10:15	40 JTU		
	11:09	40 JTU		
	11:38	0 JTU		
	12:08	40 JTU		
<i>Chemical</i>				
DO	10:13 AM	4 ppm		
Estuary wide monitoring kit	10:29 AM	4 ppm		
	10:52 AM	6 ppm		
	12:06 PM	6 ppm		
	12:26 PM	4 ppm		
pH	10:16 AM	6		
	10:43 AM	4		
	11:00 AM	7		
	11:16 AM	4		
	11:35 AM	7.5		
Salinity – hydrometer range was for saltwater tank so unusable				
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Seine</i>
Used seine	1	American Eel		
	2	Juvenile Blue Crab		2 species 3 total catch