

**Snapshot Day 10/14/10 Data  
(Salt Front RM 36)  
RIVER MILE 25E**

**Mattiessen Park, Village of Irvington**

Ronnie Alpert and Susan Wallace and Irvington's 5<sup>th</sup> grade Main Street School (155 students)

N 41°, W 73°

**Location:** Matthiessen Park, Village of Irvington, Westchester County

**Area:** Beach in the park, covered with vegetation, mostly grassy, picnic area

**Surrounding Land Use:** Forested 80%, Beach 20%

**Sampling Site:** Beach, covered with vegetation, banks altered, riprap on shore, collected wood & debris in area

**Plants in area:** Trees, many grasses, some bushes, no flowering plants

**Water depth:**

**River Bottom** – rocky bottom

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<b><i>Physical</i></b>				
Air Temperature	9:40 AM	17°C 64°F		
Wind Speed	9:40 AM	Beaufort# 2	North	4-7 km/hr
	11:45 AM	Beaufort #4		
Cloud Cover	Partly Cloudy	No rain		
Weather today	Partly cloudy in AM but just before noon it darkened and rain appeared imminent.			
Weather recently				
<b><i>Water Temperature</i></b>	10:02	16°C		
<b><i>Turbidity</i></b>	10:20AM	40 JTUs		
<b><i>Chlorophyll</i></b>				
<b><i>Chemical</i></b>				
DO (estuary kit)	10:33 AM	4 PPM		
pH	10:05 AM	6		
Salinity	10:25 AM	1.4 ppt		
<b><i>Fish Catch</i></b>	<b><i>Number Caught</i></b>	<b><i>Species</i></b>	<b><i>Size ( in mm)</i></b>	<b><i>TOTAL CATCH</i></b>
None caught				
<b><i>Tides</i></b>	10:51 AM	37 cm	ebb	