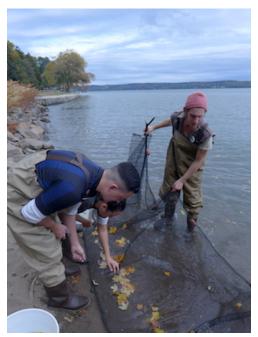
Day in the Life of the Hudson River $\frac{10/29/14}{29/14}$ Data (Salt Front ~RM61.1 - on $\frac{10}{28/14}$ at this location but not reported for $\frac{10}{29-10/31}$. on $\frac{11}{1/4}$ it was at 59.6)

RIVER MILE 31 – Nyack Beach Hook Mountain State Park Margie Turrin, Lamont-Doherty Earth Observatory Nancy Arias, Rockland Community College, 7 students, 2 adults 41°07.5"N 73°54.5"W





Location: Nyack Beach, Upper Nyack,

Rockland County NY

Area: Park/Boat launch, near Hook Mountain Sandy Beach by the large sitting stairs, **Surrounding Land Use**: 70% forested, 5% urban/residential, 20% beach – used for recreation & picnics

Sampling Site: Beach – sandy and rocky at edges, covered with vegetation beyond the beach, stone wall, riprap shore, collected wood debris –

Piping coming into river south of sampling site **Water depth**:

River Bottom –sandy

ITEM	Time	Reading 1	Reading 2	Comments
Physical				
Air Temperature	2:30 PM	16°C		
Wind Speed				N
Cloud Cover	cloudy			
Weather today	No rain	Cooled off		
Weather last 3 days	2 days of rain & fog			

Water				
Temperature				
Turbidity –	3:30 PM	57.7 cm	3:45 PM	48 cm
Long site tube				
Chemical				
DO				
Drop count	3:00PM	8 ppm		
pН	3:00 PM	7		
Colormetric kit				
Nitrates	3:10 PM	0.3 ppm		
Salinity –				
refractometer	2:30 PM	5 ppm		
Fish Catch		Number	Species	Macroinvert.
		Caught		
Seine 12 ft. X 6ft.		5	Atlantic	
Mesh 0.25 inch			Silversides	
Diversity 2		2	Striped Bass	
Total Catch 7+		many	Small moon	Nickel size
moon jellies			jellies	