

**Snapshot Day 10/14/10 Data
(Salt Front RM 36)
RIVER MILE 28**

Nyack Memorial Park

**Tom Perry - Nyack High School APES Class – 11th & 12th, 46 students
Latitude 40°05.243’N, Longitude 73°54.988 ‘W**

Location: Nyack Park where Nyack Brook feeds in

Area: Open and grassy, has a parking lot, used for picnics, fishing

Surrounding Land Use: 100% park

Sampling Site: beach, banks altered, riprap on shoreline, bulkhead

Plants in area: no water plants in area

Water depth: varied

River Bottom – sandy/muddy bottom , water calm

<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				
Weather today				
Weather recently				
<i>Water Temperature</i>	10:00 AM	16.4°C		
	1:00 PM	17.6°C		
<i>Turbidity -secchi</i>	12:00 PM	22 cm 20 cm		Average 21 cm
<i>Chlorophyll</i>	11:00 AM	1.0		
<i>Chemical</i>				
<i>pH meter</i>	10:00 PM	6.0		
<i>DO</i>	10:00AM	8.4 mg/L	16.4°C	85% saturated
<i>Salinity Meter</i>	10:00 PM	0.7 ppt		
<i>Fish Catch Seine 12X4</i>	<i>Number Caught - 31</i>	<i>Species - 3</i>	<i>Length of longest</i>	<i>Macro</i>
11:00 AM	21	<i>Atlantic Silversides</i>	12 cm	1 Blue Claw Crab
	8	<i>Mummichog</i>	7 cm	
	2	<i>Striped Bass</i>	12 cm	
<i>Sediment Cores</i>				
<i>Tide</i>	9:30 AM		0 cm	

	12:30 PM	Rising	41 cm	~14 cm/hr
--	----------	--------	-------	-----------

—