

**Snapshot Day 10/8/09 Data  
(Salt Front RM 60.3)  
RIVER MILE 28**

**Nyack Memorial Park**

**Tom Perry - Nyack High School APES Class – 11th & 12<sup>th</sup>, 40 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	10:20 AM 1:15 PM	19°C 21°C		
Wind Speed				
Cloud Cover	Clear			
Weather today				
Weather recently				
<i>Water Temperature</i>	9:30 AM	15.6°C		
	1:00 PM	17.6°C		
<i>Turbidity -secchi</i>		52 cm		
<i>Chemical</i>				
<i>pH meter</i>	1:00 PM	7.4		
<i>DO</i>	9:30 AM	7.4 mg/L	15.6°C	74% saturated
<i>Salinity Meter</i>	1:00 PM	5.5 ppt		
<i>Fish Catch Seine 12X4</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Seine</i>
	26	<i>Atlantic Silversides</i>	<i>Menidia menidia</i>	10 cm
	2	<i>Banded Killifish</i>	<i>Fundulus Diaphanus</i>	7 cm
	3	<i>Mummichog</i>		8 cm
	5	<i>Striped Bass</i>		9 cm
	1	<i>Harris Crab</i>		
<i>Sediment Cores</i>				
<i>Tide</i>	9:15 AM	Rising	0 cm	
	12:45 PM	Rising	71 cm	