

**Snapshot Day 10/2/07 Data  
(Salt Front RM 78.2)  
RIVER MILE 87**

**Eli Schloss & Esopus Meadows Environmental Center, Ulster Park, Ulster County  
Donna Nageli, Sophie Finn Elementary School – 4<sup>th</sup> grade – 25 students**

**Location:** Rocky beach surrounded by rising forested land and small yard and driveway  
**Area:** A path along the beach with rising forested hills and yard with house and driveway  
**Surrounding Land Use:** Forested 70%, Beach 30%  
**Sampling Site:** Beach area with with raprap @ north end, collected wood debris in area  
**Water depth:** 4 ft. at low tide  
**River Bottom** –muddy & weeds on bottom  
**Plants in area:** 85% of water area has plants  
**Plants in sampling area:** 100% water chestnuts

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<b><i>Physical</i></b>				
Air Temperature	10:30 AM	64°F 18°C	12:30 PM	72°F 22°C
Wind Speed	1-3 Beaufort		SSE	
Cloud Cover	Partly cloudy		Water Calm	
Weather today	Decreasing cloud all day			
Weather recently	Overcast and calm			
<b><i>Water Temperature</i></b>	10:30 AM	20°C 68 °F		
	12:30 PM	21°C 70 °F		
<b><i>Water calm</i></b>	yes			
<b><i>Turbidity</i></b>	12:30 PM	25 cm	25 cm	Turbidity tube
<b><i>Chlorophyll</i></b>	1:30 PM	0.3		
<b><i>Chemical</i></b>				
DO (drop count kit)	10:30 AM	8.0 mg/L	20°C	85%
pH	10:30 AM	7.5		Indicator sol.
Phosphate				
Nitrate				
Alkalinity				
Salinity				
<b><i>Fish Catch</i></b> 25 ft. X 4 ft. X ¼ inch mesh -	<b><i>Number Caught</i></b>	<b><i>Species</i></b>	<b><i>CPUE</i></b>	<b><i>Seine</i></b>
60 ft pull 6 seines run	6	American Eel		
	30	Banded		

		killifish		
	1	Striped Bass		
<b><i>Tides</i></b>	9:30 am		Falling	
	10:00 am		Falling	
	11:00 am		Falling	
	12:00 PM		Falling	
<b><i>Currents</i></b>	9:30 am	South	Ebb	
	10:00 am	South	Ebb	
	11:00 am	South	Ebb	
<b><i>Traffic</i></b>	10:45 AM	Tug & barge	Northbound	Loaded/oil
	11:00 AM	sailboat	Southbound	
<b><i>Other Items</i></b>				
<b><i>Core</i></b>				