

**Snapshot Day 10/12/06 Data
(Salt Front RM 52.5)
RIVER MILE 87**

Eli Schloss & Esopus Meadows Preserve, Visitors Park, Ulster County

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 80%, Beach 15%, yard & driveway/parking lot 5%

Sampling Site: Short rocky beach with raprap @ north end, covered with vegetation, collected wood debris in area

Plants in area: 10% of water area has water chestnut plants

Water depth: 4-8 ft.

River Bottom – rocky and muddy bottom, very shallow

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	9:30 AM	63 °F		
Wind Speed	1-3 Beaufort		SSE	
Cloud Cover	overcast		Water Calm	
Weather today	Increasing clouds with steady temperatures			
Weather recently	Rainy last night			
<i>Water Temperature</i>	11:00 AM	16°C 60.8 °F		
	11:30 AM	17°C 62.6 °F		
	12:00 noon	17°C 62.6 °F		
<i>Turbidity</i>	10:30	48 cm		Turbidity tube
	11:00 AM	20 JTU		Sight tube
<i>Chlorophyll</i>				
<i>Chemical</i>				
DO (drop count kit)	11:00 AM	6.0 mg/L	16°C	60%
pH	11:00 AM	7		Indicator sol.
Phosphate				
Nitrate				
Alkalinity				
Salinity	11:00 AM	0 ppm		
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Seine</i>
<i>Tides</i>	9:30 am		Falling	

	10:30 am		Falling	
	11:00 am		Falling	
	12:17 PM		Low tide - slack	
<i>Currents</i>	9:30 am	0.6 knots	Flood	
	10:30 am	0.52 knots	Flood	
	11:00 am	0.31 knots	Flood	
<i>Traffic</i>				
<i>Other Items</i>				
<i>Core</i>				