

**Snapshot Day 10/7/08 Data
(Salt Front RM 63.4)
RIVER MILE 87**

**Eli Schloss & Esopus Meadows Environmental Center, Ulster Park, Ulster County
Donna Nageli, George Washington Elementary School – 4th grade – 40 students**

Location: Esopus Meadows Preserve Town of Esopus. Ulster County
Area: A path along the beach with rising forested hills and yard with house and driveway
Surrounding Land Use: Forested 80%, Beach 15%; urban/residential 5%
Sampling Site: Beach area covered with vegetation
Water depth: 0-3 ft. at low tide
River Bottom –rocky mud
Plants in area: 80% water chestnut and 10% water milfoil

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
Physical				
Air Temperature	10:00 AM	61°F 16°C	12:20 PM	75°F 24°C
Wind Speed	1-3 Beaufort		NW	
Cloud Cover	clear		Water Calm	
Weather today				
Weather recently	Party Couduy, foggy mornings			
Water Temperature	10:20 AM	16°C 60 °F		
	11:00 PM	16°C 60 °F		
	12:30 PM	16°C 60 °F		
Water calm	yes			
Turbidity	10:20 PM	60 cm 50 cm	55 cm average	Turbidity tube
Chlorophyll	10:30 PM	0		
Chemical				
DO (drop count kit)	10:30 AM	9.0 mg/L	16°C	90%
pH	11:00 AM	7.0		Indicator sol.
Salinity				
Fish Catch 25 ft.X 4 ft. X ¼ inch mesh -	Number Caught	Species	CPUE	Seine
150 ft pull 4 seines run	1	American Eel		98 TOTAL CATCH
	82	Banded killifish		

	3	Spottail Shiner		
	8	Blueback Herring		
	3	Sunfish		
	1	Tadpole		
<i>Tides</i>	10:15 am	-15	Falling	
	10:50 am	-36	Falling	
	11:20 am	-95	Falling	
	12:55 PM	-208	Falling	
<i>Currents</i>	SOUTH			
<i>Traffic</i>	1:30 PM	Cruise ship	Northbound	
<i>Other Items</i>				
<i>Core</i>				