

**Day in the Life of the Hudson River 10/10/13 Data
(Salt Front RM 69.3)**

RIVER MILE 87 PM Sample Group

**Eli Schloss & Esopus Meadows Environmental Center, Ulster Park, Ulster County
Sue Ellen Ali and Highland Residential Center – 9th grade level – 5 students, 4
adults**

Location: Esopus Meadows Preserve Town of Esopus. Ulster County

Area: A path along the beach with rising forested hills

Surrounding Land Use: Forested 80%, Beach 5%, 15% other

Sampling Site: Beach area with rip rap shoreline, brick pieces on ground

Water depth: 2 ft.

River Bottom –sandy, muddy, rocky

Plants in water area: none

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
Wind Speed			7 mph	N
Cloud Cover	Mostly cloudy	drizzle		
Weather today	Cloudy and threats of rain			
Weather recently				
<i>Water Temperature</i>	4:15 PM	16°C	4:20 PM	17°C
<i>Water surface</i>	choppy			
<i>Turbidity - Long Turbidity tube</i>	4:31 PM	30 cm 35 32	Average 32.3 cm	
<i>Chlorophyll</i>	1:30 PM	2.0		
<i>Chemical</i>				
DO (drop count kit)	4:20 AM	10 mg/L	17°C	100%
<i>Fish Catch 25 ft. X 4 ft. X 1/4"</i>	<i>Number Caught</i>	<i>Species –</i>	<i>size</i>	<i>Seine</i>
<i>Total of 10 seines</i>	2	Herring		<i>Diversity - 2</i>
	9	White Perch	6 inches	<i>Totals - 11</i>
<i>Core Sample</i>	<i>Time</i>	<i>Description</i>	<i>Common</i>	<i>Rare</i>
	3:00 PM	7.5 inches long	Sand Leaves Wood	Mud Coal
<i>Traffic</i>	2:09 PM	Oil Tanker	Southbound	loaded
	2:55 PM	Passenger	Southbound	
<i>Other</i>	There was a lighthouse (Esopus Lighthouse) and duck blinds. There were a lot of devil heads (water chestnut seedpods) on the beach.			

