

A Day in the Life of the Hudson River 10/22/19 Data
(Saltfront ~ RM 53)
RIVER MILE 60
Lacey Fredericks, Oakwood Friends School,
8th-9th grade, 36 students, 4 adults
Asher Pacht, Beacon Institute for Rivers & Estuaries
41.5053°N degrees Latitude 73.9696°W degrees Longitude



Location: Dennings Point, 200 yards south of Long Dock Rd. Parking Lot, Beacon, Dutchess County

Area: 80% Forested, 20% Beach with large piping entering river. Believe area mostly used for sightseeing and fishing. Beach area.

Surrounding Land Use: Nature preserve with few buildings, 50% forested; 50% beach;

Sampling Site: Beach, covered with vegetation, rocky & sandy

Plants in water area: No

Water Depth @ sampling site: 3 ft.

River Bottom: Type: muddy, rocky

SAMPLE TIMES 10-11AM

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
Wind Speed	10-11AM	Beaufort 0-2		
Cloud Cover	Overcast			
Weather today				
Weather recently				
<i>Water Temperature-</i>	10-11AM	°F	15°C	
<i>Water</i>				

<i>Turbidity -</i> Long sight tube	10-11AM	70-80 cm	Average 75 cm	
<i>Chemical</i>				
DO (drop count kit)	10-11AM	15 C	10 ppm	% saturated
pH –	10-11AM	7		
<i>Fish Catch</i> 20 ft. X4 seine	<i>Number –</i> 1 1	<i>Species –</i> Spottail Shiner Channel Catfish		<i>DIV 2</i> <i>TOTALS 2</i>
<i>Macroinvertebrate</i>				
<i>Tides</i>	10:30 AM 10:50 AM	37.5 cm 32 cm	5.5 cm	
<i>Currents</i>	6 cm/sec			