

Day in the Life of the Hudson River 10/20/16
RIVER MILE 23
Dobbs Ferry, Waterfront NY
Stephen Fleming, EF Academy and 200 Students 11th & 12th,
7 adults total
(41.009253 -73.880438)

Location: Dobbs Ferry Waterfront Park, Westchester NY

Area: Brand new waterfront park

Surrounding Land Use: Parkland

Sampling Site: 10% beach at low tide, 70% rip rap,

Shoreline: shore with bulkhead, area covered with vegetation

Plants in area: Trees, bushes and grasses

Water: Calm

River Bottom: sandy/rocky

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
Physical - Air Temperature	Time	°F	°C	Average
	NR			
Wind Speed:	Time	Beaufort	Anemometer	Direction
	NR			
Cloud Cover	NR			
Precipitation	Time	Rain	Describe	
	None	N		
Weather last 3 days	Warm and dry			
Water Temperature	Time	°C	°F	Average
	Avg. 9 AM-3:30 PM	21.9 C	71.4 F	
Turbidity – long site tube	Reading 1	Reading 2	Reading 3	Average
	NR			
Chemical	Time	mg/L	Water Temp	% Saturation
DO (vernier data logger)	NR			
pH – color match test kit	NR			
Salinity - refractometer	Avg. 9 AM-3:30 PM	12.9 ppt		
Fish Catch – 48 hauls	ID	Number	Longest	Totals
	Atlantic Silverside	43		DIV 6
	Fourspine Stickleback	1		TOTALS 53

	Northern pipefish	1		
	White Perch	1		
	Striped Bass	5		
	Bluefish	2		
	DIVERSITY 4	Totals 42		
<i>Tides -</i>	<i>Time</i>	<i>H20 height</i>		<i>*Rate of change</i>
	NR			
<i>Currents -</i>	Time	E/F/S	cm/30 sec	Cm/sec
				Kts