

**Day in the Life of the Hudson River 10/10/13 Data  
(Salt Front RM 69.3)  
RIVER MILE 35E**

**Croton Point Park, Croton on Hudson**

**Maureen Dillon, Jennifer Barth, Catherine Brennan – Pierre Van Cortland MS –  
150 5<sup>th</sup> graders**

**Latitude 41degrees 11.174’N Longitude 73 degrees 53.913’W**



**Location:** Mother’s Lap, Croton Park NY

**Area:** Rocky beach surrounded by rising forested land and small yard and driveway

**Surrounding Land Use:** Forested 70%, Beach 30%

**Sampling Site:** Beach area with with raprap @ north end, collected wood debris in area

**River Bottom** – sandy/rocky bottom

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>		<i>Comments</i>
<i>Physical</i>				
<b>Air Temperature</b>				
<b>Wind Speed</b>	<b>Time</b>	<b>Beaufort #</b>		
Cloud Cover	cloudy			
Weather today	Some rain			
Weather recently	Fall like			
<i>Water Temperature</i>	AM			
<b>Turbidity – turbidity tube</b>	AM	35 cm		
<i>Chemical</i>	<i>TIME</i>	<i>Reading</i>		
<b>DO</b>	AM	6.0 ppm		
<b>pH (litmus paper)</b>	AM			
<b>Nitrates</b>	AM	0.25 ppm	Nitrite	5-10 ppm
<b>Ammonia</b>	AM	0.25 ppm		
<b>Salinity -</b>	AM	10 ppt		
<b>Tides</b>				
<b>Currents</b>				
<b>Fish –</b>	<b>Number</b>	<b>Species</b>		<b>Totals</b>
Multiple seines	4	Atlantic Silversides		<b>Diversity 2</b>

	Lots	Ctenophores (Comb Jellies)		<b>Total Catch 4 +</b>
<i>Core Sample</i>	<i>Abundant</i>	<i>Common</i>	<i>Rare</i>	
	Gravel	Mud	Clay Sand Pebbles Wood Shells/oyster Brick Coal Living Vegetation Fish Bones	