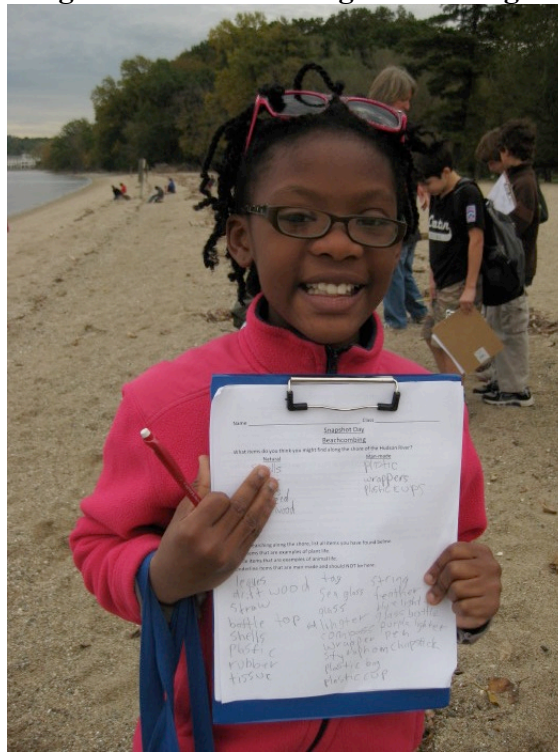


**Snapshot Day 10/18/11 Data**  
**(Salt Front RM 35.7)**  
**RIVER MILE 36**  
**Croton Point Park, Croton on Hudson**  
**Maureen Dillon, Jennifer Barth, Catherine Brennan – Pierre Van Cortland MS –**  
**150 5<sup>th</sup> graders**  
**Deborah Ashley, BOCES, 10 High School students**  
**Latitude 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  
**Plants in area:**  
**Water depth:**  
**River Bottom –** sandy/rocky bottom  
**Tide:**

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>		<i>Comments</i>
<b>Physical</b>				
<b>Air Temperature</b>				
<b>Wind Speed</b>	<b>Time</b>	<b>Beaufort #</b>		
Cloud Cover	Some clouds			
Weather today				
Weather recently				

<b><i>Water Temperature</i></b>	AM	62°F		
<b><i>Turbidity – turbidity tube</i></b>	AM	16 cm		
<b><i>Chlorophyll</i></b>	AM	1.5		
<b><i>Sediment Core</i></b>				
<b><i>Chemical DO</i></b>	<b><i>TIME</i></b>	<b><i>Reading</i></b>		
	AM	8 8 8.5		
<b>pH (litmus paper)</b>	AM	5.5 to 6.5		
<b><i>Salinity -</i></b>	AM	2.8 read as 92 ppm Cl-	166 ppm total salinity	
Quantab strips				
<b><i>Tides</i></b>	Time			
<b><i>Currents</i></b>				
<b><i>Fish</i></b>	Type	Number		
	Sunfish	3		
	Bullhead	1		
	White Perch	6		
	Bay Anchovey	1		
	Herring	5		
	American Eel	1		
	Silverside	5		
	Shiner	7		
	Spottail Shiner	5		
	Striped Bass	2		
	Darter	1		
	Killifish	3		
	Crabs	4		
<b><i>Traffic</i></b>				