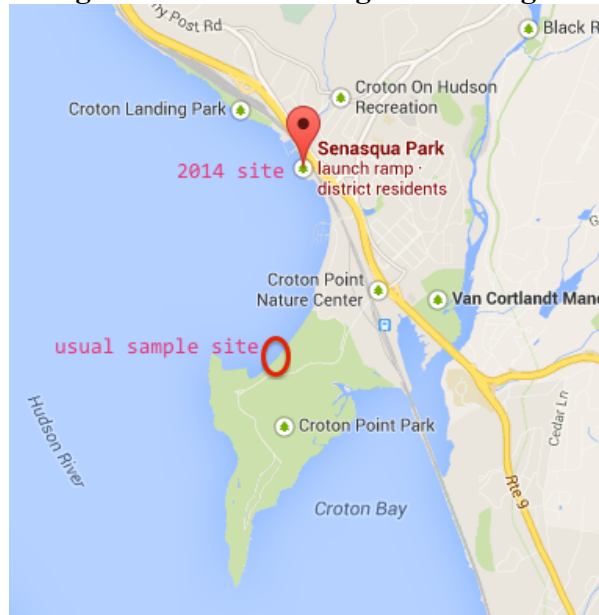


**Day in the Life of the Hudson River 10/17/14 Data**  
**(Salt Front RM 65.3)**  
**RIVER MILE 36E**

**Senasqua Park, Croton on Hudson**

**Maureen Dillon, Jennifer Barth, Catherine Brennan – Pierre Van Cortland MS –  
 135 5<sup>th</sup> graders and 20 adults**

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



**2104 sample site was in a different location due to the rain date**



**Location:** Senasqua Beach, Croton waterfront north of Croton Point Park, Croton NY

**Area:** Park with boat launch, gazebo and lawn, rocky beach surrounded by roadways

**Surrounding Land Use:**

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

<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	clear			
Weather today	Clear and humid - warm			
Weather recently	Rained yesterday and humid last few days			

<i>Water Temperature</i>	AM			
<i>Turbidity – turbidity tube</i>	AM	35 cm average		
<i>Chemical</i>	<i>TIME</i>	<i>Reading</i>		
<i>DO</i>	AM	8.0 ppm		
<i>pH</i>	AM	7.4		
<i>Nitrates</i>	AM	0 ppm		
<i>Salinity -</i>	AM	Quantabs - 5 on HR	1081 ppm Cl-	1953 ppm TS
<i>Tides</i>	HT 6AM	Falling during sampling		
<i>Currents</i>				
<i>Fish –</i>	<i>Number</i>	<i>Species</i>	<i>Macros #</i>	<i>Species</i>
Multiple seines	86	Atlantic Silversides	1	Lg Blue Crab
	1	Bay Anchovy	6	Sm Blue Crab
	7	Spottail Shiner		
	3	Alewife		
	3	Northern Pipefish		
	13	Striped Bass		
	4	Bluefish snapper		
	1	American eel		
	2	Yellow Perch		
	1	Catfish		
	1	American Shad		
<b>Total Catch</b>	<b>122</b>		<b>7</b>	
<b>Diversity</b>	<b>11</b>		<b>1</b>	