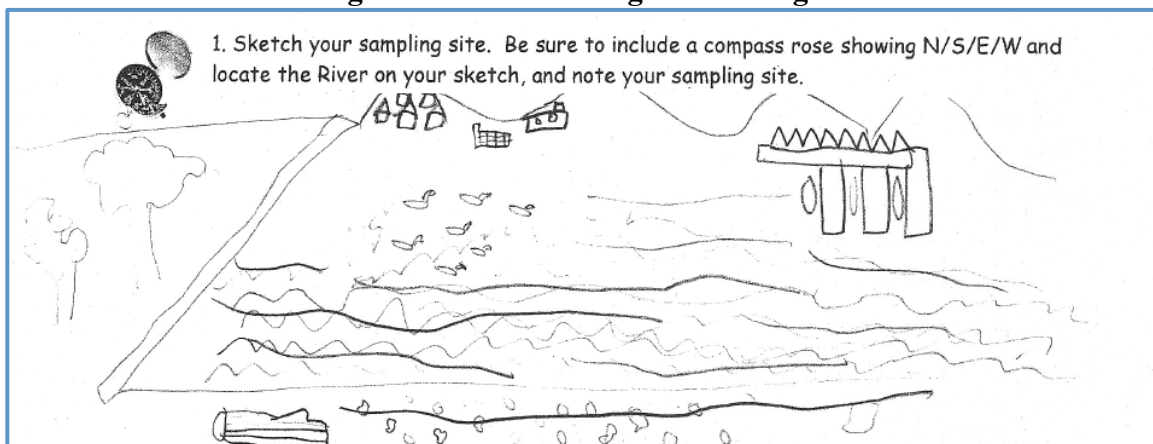


**Day in the Life of the Hudson River 10/21/14 Data
(Salt Front RM 64.3)
RIVER MILE 35E**

Croton Point Park, Croton on Hudson

**Cheri Baron, Our Montessori School - (52) 1st-6th graders, 12 adults
Being assisted by Deborah Ashley, PNWBOCES (11) 12th graders, 1 adult
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 bottom

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>		<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:45 AM	62°F 17°C		
Wind Speed	Time	Beaufort #		
Cloud Cover	Mostly cloudy			
Weather today	10:45 AM sprinkled			
Weather recently	Fall like - rain			
Water	Choppy			
<i>Water Temperature</i>	11:10 AM	15°C		
	11:20 AM	15.9°C		
Turbidity – Turbidity meter	11:20 AM	70.1 NTU		
<i>Chemical</i>	<i>TIME</i>	<i>Reading</i>		
DO	11:53 AM	9 ppm	16 °C	90%
	12:50 PM	9 ppm	16 °C	saturated
pH (litmus paper)	11:10 AM	6		
	11:10 AM	5		
	11:40 PM	6.5		
Salinity -	11:10 AM	9.2 ppt		
	11:20 AM	9.2 ppt		

<i>Tides</i>				
<i>Currents</i>				
<i>Fish –</i>	<i>Number</i>	<i>Species</i>		<i>Totals</i>
10:50 AM	14	Atlantic Silversides	3 inches	Diversity 3
	1	Herring	3 inches	Total Catch 35
	20	Bay Anchovies	2 inches	PLUS 1 crab
	1	Blue Crab (M)		
<i>Core Sample</i>	<i>Length</i>	<i>Abundant</i>	<i>Common</i>	<i>Rare</i>
	8 inches H2S smell	Sand	Clay Mud Gravel Pebbles	Macro- invertebrates Living Vegetation
<i>Other</i>	We saw dragonflies			