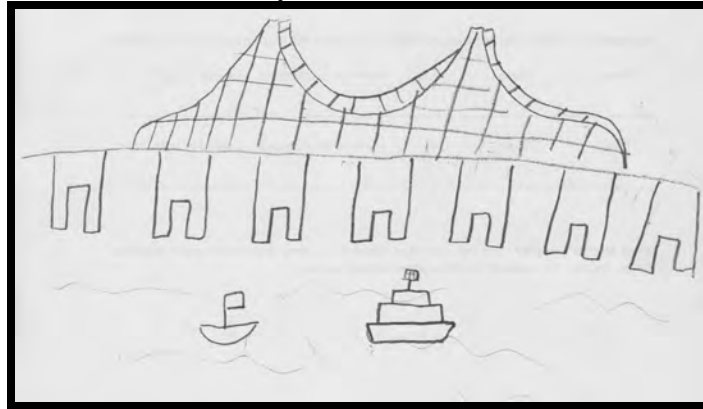
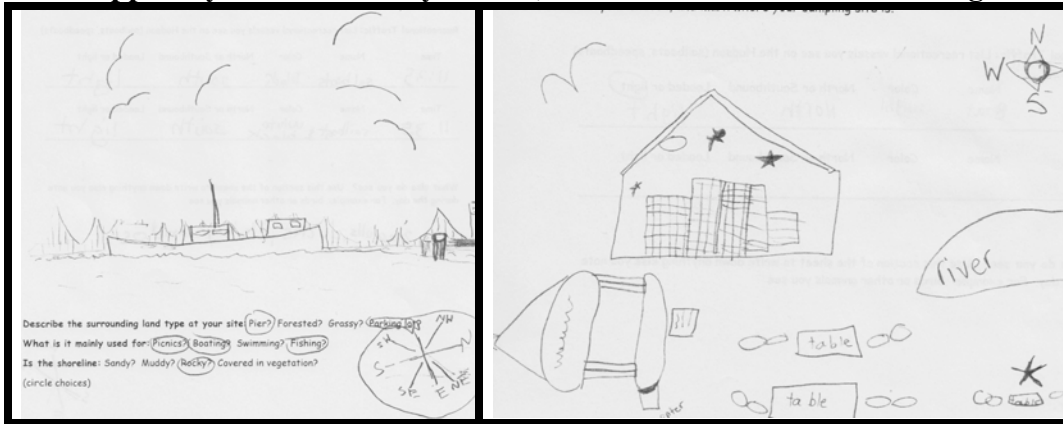


**A Day in the Life of the Hudson River 10/4/12 Data  
RIVER MILE 28  
South Nyack, Piermont Ave.**



Diana Cutt, U. S. EPA

Dr. Brand, Ms. Maloney, Ms. Holmes and Mr. Pregiato  
Upper Nyack Elementary School, 73 students 3<sup>rd</sup> and 3<sup>rd</sup>/4<sup>th</sup> mix grade



**Location:** Nyack Memorial Park, Nyack NY

**Area:** Park with a sandy and slightly rocky beach and pier area

**Surrounding Land Use:** Park with homes behind

**Sampling Site:**

**Plants in area:**

**Water depth:**

**River Bottom**

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	9:58 AM	23°C		Each reading average of 6
	10:07	27		
	10:17	24		
	10:36	29		
	11:05	25		
	11:23	26		
	11:46 AM	30		

Wind Speed & Direction	TIME 10:05-11:54 AM	Beaufort chart 1		Read 6 times and stayed the same
Cloud Cover	10:23 AM	clear	11:11AM 11:52 AM	Mostly Cloudy
Weather today	Clear and sunny all day			
last 3 days	Rain yesterday and some rain days prior			
<b>Water</b>	Very calm			
<b>Water Temperature</b>	10:10 AM 10:55 AM	21°C 21.66	70 °F 71	Read in F and converted to C
<b>Turbidity Long site tube</b>	10:06 AM 10:24 AM 10:41 AM 11:18 AM 11:30 AM 11:59 AM	35 cm 60 cm 74 cm 46 cm 50 cm 43 cm		
<b>Chemical</b>				
DO <i>Drop count</i>	Not read			
pH <i>test strips</i>	10:10 AM 11:15 AM	7.5 7	Each was an average of 20 readings	
Salinity <i>hydrometer</i>	11:30 AM	0 ppt 4 ppt 6 ppt		Average 3.33 ppt
<b>Fish Catch</b>	The high school team seined and we looked at their catch			
<b>Tides</b>	10:00am 10:35am 11:10am 11:25am 11:51am	Rising Rising Rising Rising Rising	*Measured by marking the waterline along shore in the old boat ramp with water filled buckets.	
<b>Currents</b>	<b>Time</b>			
<b>Other Observations</b>	Direct sun today, light breeze and water very still			