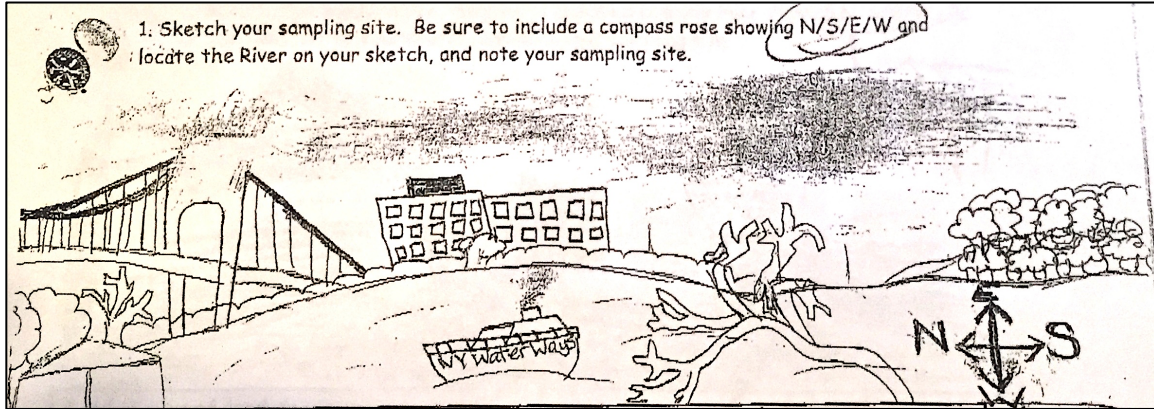


**Day in the Life of the Hudson River 11/17/14 Data  
(Salt Front RM 66.2)  
RIVER MILE -7**

**Fort Wadsworth, Staten Island  
Mary Lee, St. Clare's School, 60 Seventh graders and 12 adults  
N 40°36.002' - W-74°3.301'**



**Location:** Seabee Fishing Beach, Fort Wadsworth, just south of the Verrazano Bridge, Staten Island

**Sampling Site:** Beach area with bulkhead, Shoreline is 90 % beach, 10% forested,

**Surrounding Area:** 100% fishing beach – beach and riprap, concrete broken in area

**Water Depth:**

**River Bottom:**

**Plants in area:** No plants

<i>ITEM</i>	<i>Time</i>	<i>Readings</i>		
<i>Physical</i>				
Air Temperature	10:05 AM	12.2°C	54°F	SAME all day!
Wind Speed	Before 11:30 AM	1.5 kts	After 11:30 no wind	North
Cloud Cover	Overcast			
Weather today	10:30 AM Rainy and cold -	Slow and constant drizzle	<i>Water surface</i>	Very choppy
Weather recently	Rain started last night, cool last few days			
<i>Water Temperature</i>	Not recorded			
<i>Turbidity Turbidity tube</i>	10:17 AM	70 cm 65.1 cm	67.55 cm avg	
	11:30 AM	107 cm 68 90	88 cm	

<i>Chemical</i>	<i>Time</i>	<i>ppm</i>	<i>Temp</i>	<i>% Sat</i>
DO – multiple readings – tablets - Estuary Wide Monitoring Kit –	10:10 AM to noon	2 ppm	10° C	20%
pH Indicator Solution	10AM-noon	7	All groups	
Salinity - hydrometer	10:00 AM to noon	25 ppt		
<i>Fish Catch – seine 30ft. net –</i>	<i>Time</i>	<i>Species</i>	<i>Number</i>	
<i>No fish caught!</i>	10:00-11:30 AM	Mole Crabs on the shoreline		
<i>Tides (from pier to water)</i>	<i>Time</i>	<i>Distance to water</i>	<i>Rate of change</i>	<i>Flood or Ebb</i>
Unable to complete with the rain				
<i>Currents - Time</i>	<i>Cm/30sec</i>	<i>Cm/sec</i>	<i>Knots</i>	<i>N/S Ebb/Flood</i>
Unable to complete with the rain				
<i>Core Sample</i>	<i>Length</i>	<i>Abundant</i>	<i>Common</i>	
<i>Shipping – Time</i>	<i>Type</i>	<i>Name</i>	<i>Color</i>	<i>Direction/ light or loaded</i>
9:57 AM	NY waterway		W/Blue	N light
10:13 AM	Cargo	Maersh	Blue/red	N loaded
10:18AM	Sailboat		W	N light
10:38 AM	Speedboat		W	S light
10:59 AM	Speedboat		Blue	S lighth
10:38 AM	Cargo		R/B	N loaded
10:20 AM		Seastreak	W	N/S light