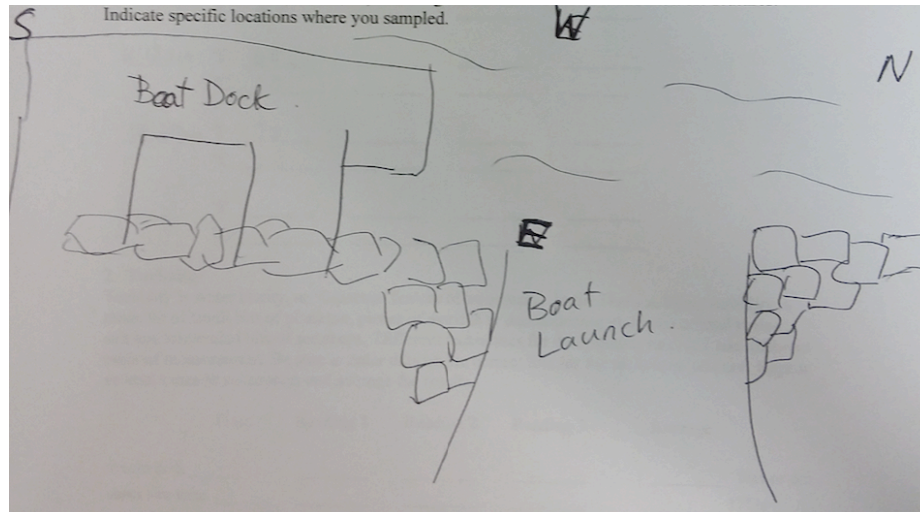


**Day in the Life of the Hudson River 10/12/17 Data**  
**(Salt front ~ RM 65)**  
**RIVER MILE 75.5**  
**Waryas Park, Poughkeepsie, Dutchess County**  
**Sharon Ellis, Walkill HS, 25 students, 9th gr Living Environment, 3 adults**  
**N 41°7056' – W -73°9403'**



**Location:** Waryas Park, Poughkeepsie, New York.

**Area:** public park, pier, grassy, parking lot. Park used for fishing, small boat launch, another pier for small boat launching

**Surrounding Land Use:** 75 % industrial/commercial; 25% park area with grass and waterfront docks

**Sampling Site:** shoreline is 100% riprap along the water with vegetation, banks altered, pier, alongside and behind, brick pieces

**Plants in area:** none

**River Bottom** – rocky/muddy

**Water depth:** 3-4ft

<i><b>ITEM</b></i>	<i><b>Time</b></i>	<i><b>Reading 1</b></i>	<i><b>Reading 2</b></i>	<i><b>Comments</b></i>
<i><b>Physical</b></i>				
Air Temperature	NR			
Wind Speed		Beaufort 1-2	N	
Cloud Cover	Partly cloudy			
Water	calm			
Observations				
<i><b>Water Temp.</b></i>	11:03 AM	20°C	70°F	
	11:13 AM	20°C	68	
	12:20 PM	20°C	70	
<i><b>Turbidity – long site tube</b></i>	12:16 PM	45cm 46 44	Average: 45 cm	

<b><i>Chemical</i></b>				
DO - Drop test kits	10:54	20°C	5 ppm	55% sat
pH – indicator solution	10:35 AM	7.2 7.2 7.2	Average: 7.2	
Salinity - Low Range quantab	11:03 AM	2.0 Quantab Units	49ppm Cl <sup>-</sup>	89 ppm TS
<b><i>Fish Catch – 20 foot net – 8.5 foot pull</i></b>	<b><i>Number Caught</i></b>	<b><i>Species</i></b>	<b><i>Largest</i></b>	
<b><i>10-12:30 PM</i></b>	11 1 28 2 2	YOY herring Spottail Shiner Bay Anchovy Banded Killifish American Shad		<b>DIV 5 TOTAL 44 12 pulls of the net</b>
<b><i>Tides</i></b>	NR			
<b><i>Currents</i></b>	NR	100 cm/28sec	3.57 cm/sec	0.069kts  South Ebb
<b><i>Core</i></b>	<b>NR</b>			
<b><i>Shipping – rec.</i></b>	<b>NR</b>			