

**Day in the Life of the Hudson River 10/13/22**  
**Sarah Lawrence College CURB, Yonkers, NY**  
**RIVER MILE: 18.3**  
*Salt Front: ~ RM 76*



**CURB - Christina Edsal & Jason Muller**  
**St. Hildas and St. Hughs School—Lauren Monchik Paull**  
*26 students and 11 adults*  
**Latitude 40.938483° N & Longitude -73.90291°W**



**Location:** Sarah Lawrence College CURB at Beczak, Habirshaw County Park, Yonkers, Westchester, NY  
**Area:** 2 acre riverfront county park covered mostly by a grass lawn leading down to the river where it meets a tidal wetland and sandy beach. Property used for fishing, boats, seining, field trips and some education programs.  
**Surrounding Land Use:** 75% Urban/Residential; 25% Beach/Waterfront  
**Sampling Site:** Sandy beach, tidal marsh area covered with vegetation, banks altered, large riprap on shoreline, collected wood/debris in area  
**Plants in area:** No plants in the water area; however in the marsh, there is mud wort, reed grass, salter cordgrass, big cordgrass  
**River Bottom:** Muddy

\*NR = Not read/recorded

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<i>Physical</i>				
<i>Air Temperature-NR</i>				
<i>Wind Speed: NR</i>		<i>Anemometer</i>	<i>Beaufort</i>	<i>Direction</i>
<i>Weather today</i>	11:00 AM	> 75% cloud cover		No Rain
<i>Weather the past 3 days:</i>	Lots of rain, windy, and colder than ti had been			
<i>Tides- NR</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>		<i>Water Height (cm)</i>
<i>Current- NR</i>	<i>Time</i>	<i>Cm/sec</i>	<i>Knots</i>	<i>North/South</i>
				<i>Ebb/Flood/Still</i>
<i>Water Temperature-</i>	NR	17.6°C		63.7°F

<b>Turbidity- Long Sight Tube (120 cm)</b>	11:00 AM	6.8 cm			
<b>Chemical</b>					
<b>Salinity- Hydrometer</b>	11:00 AM	12,200 ppm			
<b>Standardized Salinity</b>					
<b>DO – Meter/Probe</b>	<i>Time</i> 11:07 AM	<i>Temp</i> 17.6°C	<i>ppm DO</i> 7.94 ppm	<i>% saturation</i> NR	
<b>pH –</b>	11:05 AM	7.7			
<b>Nitrates- NR</b>					
<b>Phosphates- NR</b>					
<b>Alkalinity- NR</b>					
<b>Biological</b>					
<b>Fish – Seine</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>	<b>Length of smallest</b>	
<i>10:00 -12:00 PM</i>	18	Bay Anchovy			
	1	Mummichog			
	59	Atlantic Silverside			
	1	White Perch			
	3	Striped Bass			
	1	Summer Flounder			
<b>Fish Totals</b>	<b>TOTAL: 83</b>	<b>Diversity: 6</b>			
<b>Macroinvertebrates</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>	<b>Length of smallest</b>	
	13	Blue Crab			
<b>Macroinvertebrate Totals</b>	<b>TOTAL:13</b>	<b>Diversity: 1</b>			
<b>Sediment Core - NA</b>					
<b>Length</b>	<b>H2S smell</b>	<b>Oxid Top</b>	<b>Oil</b>	<b>Grain Size</b>	<b>Other Features</b>
<b>Boats-NR</b>					
	<b>Time</b>	<b>Name</b>	<b>Color</b>	<b>North/Southbound</b>	<b>Light/Loaded</b>