

**Day in the Life of the Hudson River 10/13/22**  
**Rensselaer Riverfront Park**  
**RIVER MILE: 144.5**  
*Salt Front: ~ RM 76*  
**Robert C. Parker School– John Sherry**  
*34 students & 10 adults*  
**Latitude 42.642375 °N & Longitude – 73.746393 °W**

**Location:** Rensselaer Riverfront Park, Rensselaer County, NY

**Area:** East side of the Dunn Memorial Bridge, 1.5 acre grassy park with walking esplanade, a few trees, fishing dock

**Surrounding Land Use:** Parkland (1.5 acre), Industrial/commercial, urban residential

**Sampling Site:** Off of the dock and waterfront

**Shoreline:** Sections with banks altered, sections left more natural

**River Bottom:** NR

**Water:** NR

**Plants in the Water:** NR

\*NR = Not read/recorded

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<b>Physical</b>				
<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	Drizzle	
<i>Weather the past 3 days:</i>	NR			
<i>Tides- NR</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>	<i>Water Height (cm)</i>	
<i>Current-</i>	<i>Time</i>	<i>Cm/sec</i>	<i>Knots</i>	<i>North/South</i>
	NR	7.6 13.3	NR	NR
				Ebb Ebb
<i>Water Temperature- NR</i>				
<i>Turbidity- Long Sight Tube (120 cm)</i>	11:00 AM	75 cm		
<b>Chemical</b>				
<i>Salinity-NR</i>				
<i>Standardized Salinity – LR Quantabs</i>	11:56 AM	52 ppm		
<i>DO – Lamotte Drop Count Kit</i>	<i>Time</i> 11:00 AM	<i>Temp</i> NR	<i>ppm DO</i> 7 ppm	<i>% saturation</i> NR
<i>pH – NR</i>				
<i>Nitrates- NR</i>				
<i>Phosphates- NR</i>				
<i>Alkalinity- NR</i>				
<b>Biological- From DEC</b>				
<i>Fish – Electroshocking</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
<b>Fish Totals</b>	<b>TOTAL: 0</b>	<b>Diversity: 0</b>		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
<b>Macroinvertebrate Totals</b>	<b>TOTAL: 0</b>	<b>Diversity: 0</b>		

<i>Sediment Core – NR</i>					
<b>Length</b>	<b>H2S smell</b>	<b>Oxid Top</b>	<b>Oil</b>	<b>Grain Size</b>	<b>Other Features</b>
<i>Boats- NR</i>					
	<b>Time</b>	<b>Name</b>	<b>Color</b>	<b>North/Southbound</b>	<b>Light/Loaded</b>
Commercial					
Recreational					