

**Day in the Life of the Hudson River 10/13/22**

**Kingston Point Park, Kingston, NY**

**RIVER MILE: 92**

*Salt Front: ~RM 76*

**Runner-Rebecca Houser**

*1 student (son) & 1 adult*

**Latitude 41.930213 N & Longitude – 73.96467 W**

**Location:** Kingston Point Park, Kingston, NY

**Area:** Open beach is in front of the parking lot near the lifeguard chair.

**Sampling Site:** Beach, parking lot for recreation space

**Surrounding Land Uses:** 50% beach, 35% industrial, 20% urban, 5% forested

**Shoreline:** 90% sandy, 10% rocky

**River Bottom:** sandy

**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-</i>	1:45 PM	17°C	62°F	
<i>Wind Speed:</i>	1:45 PM	<i>Anemometer</i> < 1 mph	<i>Beaufort</i> NR	<i>Direction</i> NR
<i>Weather today</i>	1:45 PM	>75% cloud cover	Drizzle	
<i>Weather the past 3 days:</i>	Foggy			
<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>	1:45 PM	14°C	57.2°F	
<i>Turbidity- Long Sight Tube (120 cm)</i>	1:45 PM	85 cm		
<b>Chemical</b>				
<i>Salinity-Quantab</i>	1:47 PM	Below Detection	1.2 LR	<29 Cl-
<i>Standardized Salinity – LR Quantabs</i>	1:50 PM	65 ppm		
<i>DO – Hach Drop Count Kit</i>	<i>Time</i> 1:45 PM	<i>Temp</i> 14°C	<i>ppm DO</i> 10 ppm	<i>% saturation</i> 100%
<i>pH – Hach Kit</i>	1:45 PM	8		
<i>Nitrates- NR</i>				
<i>Phosphates- NR</i>				
<i>Alkalinity- NR</i>				
<b>Biological- Did Not Fish</b>				
<i>Fish –</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
<b>Fish Totals</b>	<b>TOTAL:</b>	<b>Diversity:</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:</b>	<b>Diversity:</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					