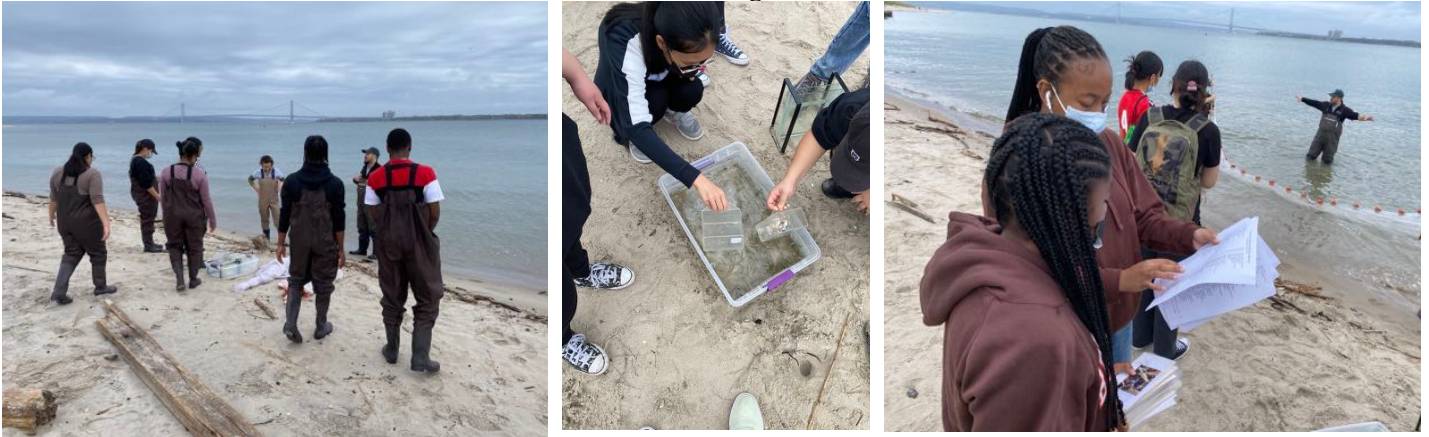


**Day in the Life of the Hudson River 10/13/22**  
**Kaiser Park, Brooklyn**  
**RIVER MILE: -8.5**  
*Salt Front: ~RM 76*  
**John Dewey High School – Wade Moody & Luis Gonzales**  
*50 students & 5 adults*  
**Latitude 40.5813°N & Longitude – 73.9994°W**



**Location:** Kaiser Park, Coney Island Creek, Brooklyn NY  
**Area:** Forested, grassy  
**Sampling Site:** Pier and wide beach area  
**Surrounding Land Uses:** large beach, housing across roadway  
**Shoreline:** sandy, muddy, rocky  
**River Bottom:** sandy  
**Plants in the Water:** No plants in the water

\*NR = Not read/recorded

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<b>Physical</b>				
<i>Air Temperature-</i>	11:15 AM	18°C	65°F	
<i>Wind Speed: NR</i>		<i>Anemometer</i>	<i>Beaufort</i>	<i>Direction</i>
<i>Weather today</i>	NR	>75% cloud cover	Rained starting at 1pm	
<i>Weather the past 3 days:</i>	Cool and dry			
<i>Tides-</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>		<i>Water Height (cm)</i>
	All AM	Rising		NR
<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- NR</i>				
<i>Turbidity- NR</i>				
<b>Chemical</b>				
<i>Salinity-NR</i>				
<i>Standardized Salinity – Refractometer</i>	12:00 PM	26,000 ppm		
<i>DO – Chemets Kit</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	AM	NR	8 ppm	NR
<i>pH – NR</i>				
<i>Nitrates- NR</i>				
<i>Phosphates- NR</i>				

<i>Alkalinity- NR</i>					
<b>Biological-</b>					
<b>Fish – Seine</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>	<b>Length of smallest</b>	
10:50 AM- 12:00 PM	25	Atlantic Silverside			
<b>Fish Totals</b>	<b>TOTAL:25</b>	<b>Diversity: 1</b>			
<b>Macroinvertebrates</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>	<b>Length of smallest</b>	
	3	Long wrist hermit crab			
<b>Macroinvertebrate Totals</b>	<b>TOTAL: 3</b>	<b>Diversity:1</b>			
<b>Sediment Core - NA</b>					
<b>Length NR</b>	<b>H2S smell</b>	<b>Oxid Top</b>	<b>Oil</b>	<b>Grain Size</b>	<b>Other Features</b>
<b>Boats-NA</b>					
	<b>Time</b>	<b>Name</b>	<b>Color</b>	<b>North/Southbound</b>	<b>Light/Loaded</b>
Commercial NR					
Recreational					