**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 Gonzalez**

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*

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Time</th>
<th>Reading</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Air Temperature</strong></td>
<td>11:15 AM</td>
<td>18°C</td>
<td>65°F</td>
</tr>
<tr>
<td><strong>Wind Speed: NR</strong></td>
<td></td>
<td>Anemometer</td>
<td>Beaufort</td>
</tr>
<tr>
<td><strong>Weather today</strong></td>
<td>NR</td>
<td>&gt;75% cloud cover</td>
<td>Rained starting at 1pm</td>
</tr>
<tr>
<td><strong>Weather the past 3 days:</strong></td>
<td>Cool and dry</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Tides</strong></td>
<td></td>
<td>Rising, Falling, Unchanged</td>
<td>Water Height (cm)</td>
</tr>
<tr>
<td>All AM</td>
<td>Rising</td>
<td>NR</td>
<td></td>
</tr>
<tr>
<td><strong>Current- NR</strong></td>
<td></td>
<td>Cm/sec</td>
<td>Knots</td>
</tr>
<tr>
<td><strong>Water Temperature- NR</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Turbidity- NR</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Chemical</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Salinity-NR</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Standardized Salinity – Refractometer</strong></td>
<td>12:00 PM</td>
<td>26,000 ppm</td>
<td></td>
</tr>
<tr>
<td><strong>DO – Chemets Kit</strong></td>
<td></td>
<td>Temp</td>
<td>ppm DO</td>
</tr>
<tr>
<td>AM</td>
<td>NR</td>
<td>8 ppm</td>
<td>% saturation NR</td>
</tr>
<tr>
<td><strong>pH – NR</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Nitrates- NR</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Phosphates- NR</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alkalinity</td>
<td>NR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>----</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biological</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fish – Seine</strong></td>
<td>Number</td>
<td>Name</td>
<td>Length of longest</td>
</tr>
<tr>
<td>10:50 AM - 12:00 PM</td>
<td>25</td>
<td>Atlantic Silverside</td>
<td></td>
</tr>
<tr>
<td><strong>Fish Totals</strong></td>
<td>TOTAL: 25</td>
<td>Diversity: 1</td>
<td></td>
</tr>
<tr>
<td><strong>Macroinvertebrates</strong></td>
<td>Number</td>
<td>Name</td>
<td>Length of longest</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Long wrist hermit crab</td>
<td></td>
</tr>
<tr>
<td><strong>Macroinvertebrate Totals</strong></td>
<td>TOTAL: 3</td>
<td>Diversity: 1</td>
<td></td>
</tr>
<tr>
<td><strong>Sediment Core - NA</strong></td>
<td>Length NR</td>
<td>H2S smell</td>
<td>Oxid Top</td>
</tr>
<tr>
<td><strong>Boats - NA</strong></td>
<td>Time</td>
<td>Name</td>
<td>Color</td>
</tr>
<tr>
<td>Commercial</td>
<td>NR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recreational</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>