**Day in the Life of the Hudson River 10/20/16 Data**

**(Salt front ~ RM 80)**

**Canarsie Pier, Jamaica Bay, Brooklyn NY**

**Karine Kelley – PS 230**

**NYSDEC SCA Members - 1**

**56 students, 5th grade, 6 adults**

**N 40.37’49.0” - W-73.53’00.98”**

**Location:** Jamaica Bay, Canarsie Pier,

**Area:** Beach, large piping entering river

**Surrounding Land Use:** 40% park; 40% parking lot 10% beach; 10% grass

**Sampling Site:** Beach, covered with vegetation, concrete pier, some fabric & other debris in rocks, man placed boulders along part of the shoreline near the pier

Recreational pier – rocks near the edge, banks altered

**Water Depth:** 2-3 ft.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time –***  | ***Reading 1*** | ***Reading 2*** | ***Reading 3*** |
| ***Physical*** |   |  |  |  |
| Air Temperature | 11:20 AM | 20°C |  |  |
| Wind Speed | 11:20AM | #3 | E |  |
| Cloud Cover | 11:20 AM | partly |  |  |
| Weather today | No rain  |  |
| Weather last 3 days  | Very warm ~82 F |  |
| ***Water Condition*** |  |
| ***Water Temperature*** | NR | °C |  |  |
| ***Turbidity******secchi*** | 10:46 AM | 85.2 cm86 cm81.4 cm | Average 84.2 cm |  |
|  | 11:20 AM | 99.2 cm65 cm88.1 cm | 84.1 cm |  |
| ***Chemical*** |  |  |  |  |
| DO  | NR |  |  |  |
| pH  |  NR |  |  | 4 |
| Salinity - hydrometer | 11:45 AM | 31 ppt |  |  |
| ***Fish Catch*** | **Total**  | **Fish** |  | **3-4 seines** |
| ***2 attempts******Total Catch 0*** |  |  |  |
| ***Tides*** | NR |  |  |  |
| ***Currents - Time*** | ***Cm/30 secs*** | ***Cm/sec*** | ***Kts*** | ***Location*** |
| 11:08 AM | 75 | 2.5 |  | shoreline |
| ***Ships*** | None seen |  |  |  |
| ***Other Observations*** | Horseshoe crab, dead bird, Indian deity scultpure  |