**Day in the Life of the Hudson River 10/27/14 & 10/29/14 Data**

**(Salt Front RM 62.5)**

**RIVER MILE 3.2**

**Hudson River Pier #51**

**Nancy Segal, Alexandra Vetch & 33 (3rd) graders from City and Country School**

**Location:** Pier 51 – the Playground Pier

**Area:** Pier - mainly metal and wooden pier with metal railing all around

**Surrounding Land Use:** roads and parking lots nearby

**Sampling Site:** Recreational pier

**Plants in area:** None

**Data from 10/27/14**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time*** | ***Reading 1*** | ***Reading 2*** | ***Comments*** |
| ***Physical*** |   |  |  |  |
| ***Air Temperature*** | 10:00 AM  | 62°F | 17°C |  |
| Wind Speed | Windy - blustery |  |  |  |
| Cloud Cover | clear |  |  |  |
| Weather today | Clear skies, sunny and windy |
| Weather recently | Cool, some rain |
| ***Water Temperature*** | 10:00 AM | 55°F | 13°C |  |
| ***Turbidity – site tube*** | 10:00 AM | 35 cm |  |  |
| **Tides** | 10:00 AM | Low tide |  |  |
| **Currents** | 10 ft./ 111 sec | 305 cm/111sec | 0.36cm/sec |  |

**Data from 10/29/14**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time*** | ***Reading 1*** | ***Reading 2*** | ***Comments*** |
| ***Physical*** |   |  |  |  |
| ***Air Temperature*** | 1:00 PM  | 70°F | 21°C |  |
| Wind Speed |  |  |  |  |
| Cloud Cover | Dark clouds |  |  |  |
| Weather today | Dark clouds, humid |
| Weather recently | Cool, some rain |
| ***Water Temperature*** | 1:00 PM | 60°F | 15.6°C |  |
| ***Turbidity –site tube*** | 1:00 PM  | 73cm |  |  |
| **Tides** | 1:00 PM | High tide |  |  |
| **Currents** | 10 ft./ 59 sec | 305 cm/59 sec | 5.17 cm/sec |  |