**Day in the Life of the Hudson River 10/20/15 Data**

**RIVER MILE 2.5**

**Hudson River Pier #45 - Christopher Street**

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**Wallerstein Collaborative for Urban Environmental Education/NYU (6 Adults)**

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**40°43’59.6”N and 74°00’43.3”W**

**Location:** Christopher Street Pier West end closest to the roadway on the South side

**Area:** Pier – bulkhead – mainly metal and wooden pier

**Surrounding Land Use:** 50% Urban/residential and 50% Industrial/Commercial - roads and parking lots nearby, very little tree or grass cover

**Sampling Site:** Recreational pier

**Plants in area:** None

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time*** | | ***Reading 1*** | ***Reading 2*** | ***Comments*** |
| ***Physical*** |  | |  |  |  |
| Air Temperature | Not recorded | |  |  |  |
| Wind Speed | Windy - blustery | |  |  |  |
| Cloud Cover | Cloudy in AM | |  |  |  |
| Weather today | Rainy in the AM, some sun in the PM | | | | |
| Weather recently | Humid some rain | | | | |
| Water description | Choppy | | | | |
| ***Water Temperature*** | 11:22 AM  11:39 AM  11:50 AM | 15°C  17.5°C  18°C | |  |  |
| ***Turbidity – 60 cm site tube*** | 11:22 AM  11:39 AM  11:50 AM | 55 cm  56 cm  55cm | | Average 55.5 cm |  |
| ***Chemical*** | Time | DO | | Temp | % Sat |
| DO  (drop count kit) | 12:30 PM | 6 mg/L | | 13 C | 55% |
| pH – litmus paper | 11:22 AM  11:39 AM  11:50 AM  12:05 PM | 7.5  7.5  7.5  7.5 | |  |  |
| Salinity | Time | Hydrometer | |  | Average |
|  | 11:22 AM  11:39 AM 11:50 AM  12:03 PM | 14 ppt  14 ppt  16 ppt  14 ppt | |  |  |
| **Tides** |  |  | |  |  |
| **Other** |  |  | |  |  |