**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 AM11:39 AM11:50 AM | 15°C17.5°C18°C |  |  |
| ***Turbidity – 60 cm site tube*** | 11:22 AM11:39 AM11:50 AM | 55 cm56 cm55cm  | 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 AM11:39 AM11:50 AM 12:05 PM | 7.57.57.57.5 |  |  |
| Salinity | Time  | Hydrometer |  | Average |
|   | 11:22 AM11:39 AM11:50 AM12:03 PM | 14 ppt14 ppt16 ppt14 ppt |  |  |
| **Tides** |  |  |  |  |
| **Other**  |  |  |  |  |