**Day in the Life of the Hudson River 10/10/13 Data**

**(Salt Front RM 69.3)**

**RIVER MILE 2.5**

**Hudson River Park’s Pier #45**

**Shino Tanikawa- New York City Soil & Water Conservation District**

**PS 3 Manhattan 2nd & 3rd – 60 students**

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**Location:** Christopher Street Pier at the **END of the pier where the “gazebo” is**

**Area:** Pier, Banks altered – bulkhead – mainly metal and wooden pier

**Surrounding Land Use:** 100% Hudson River Park with walkway, some planted areas

**Sampling Site:** Recreational pier

**Plants in area:** None

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time*** | ***Reading 1*** | ***Reading 2*** | ***Comments*** |
| ***Physical*** |  |  |  |  |
| Air Temperature | 9:30 AM  10:40 AM  12:45 PM | 14°C  14  16.6 |  |  |
| ***Water Temperature*** | 9:30 AM  10:40 AM  12:45 PM | 16°C  14  19.4 |  |  |
| ***Chemical*** |  |  |  |  |
| DO  (chemets ampules) | 9:30 AM  10:40 AM  12:45 PM | 6 mg/L  6  6 |  |  |
| pH (ColorHast pH strip) | 9:30 AM  10:40 AM  12:45 PM | 7  7  7.3 |  | 7.1 |
| Salinity (hydrometer) | Temp | Sp. Grav | salinity |  |
|  | 9:30 AM  10:40 AM  12:45 PM | 1.016  1.016  1.015 | 20.9 ppt  20.4  21.8 |  |