**Day in the Life of the Hudson River 10/16/14 Data**

**(Salt Front RM 65.9)**

**RIVER MILE 2.5**

**Hudson River Park’s Pier #45**

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

**PS 3 Manhattan Kindergarten& 4th – 48 students & 4 adults**

**Location:** Christopher Street Pier at the southside 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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time*** | ***Reading 1*** | ***Reading 2*** | ***Comments*** |
| ***Physical*** |  |  |  |  |
| Air Temperature | 9:20 AM | 20°C | 12:00 PM | 20°C |
| ***Water Temperature*** | 9:20 AM | 17.5°C | 12:00 PM | 17.5°C |
| ***Chemical*** |  |  |  |  |
| DO  (chemets ampules) | 9:20 AM | 5.5 mg/L | 12:00 PM | 6.2 mg/L |
| pH (ColorHast pH strip) | 9:20 AM | 7.5 | 12:00 PM | 7.0 |
| Salinity (hydrometer) | Temp | Sp. Grav | ppt salinity |  |
|  | 9:20 AM  1 | 22.6 ppt | 2:00 PM | 18.6 ppt |