**Day in the Life of the Hudson River 10/20/16**

**(Salt front ~ Hudson RM 83)**

**HARLEM RIVER MILE 1**

**Ward’s Island on the Harlem River**

**Dinorah Hudson, High School for Math, Science and Engineering @ City College**

**Chris Girgenti, NYC Parks Dept.**

**60 -10-12th graders, 6 adults**

**40.79N and 73.92W**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time*** | ***Reading 1*** | ***Reading 2*** | ***Comments*** |
| ***Weather*** |  |  |  |  |
| ***Water Temperature*** | AM | 16 Degrees C | 61 F |  |
| ***Chemistry*** |  |  |  |  |
| Dissolved Oxygen | NR |  |  |  |
| pH (color match test strips) | NR |  |  |  |
| Salinity – hydrometer | AM | 23 ppt |  |  |
| Phosphate test strips | NR |  |  |  |
| Nitrate test Strips | NR |  |  |  |
| ***Turbidity*** | NR |  |  |  |
| ***Tides*** | NR |  |  |  |
| ***Current*** | NR |  |  |  |
| ***Fish Catch –*** | ***Number caught*** | ***Species*** | ***Length of largest*** |  |
|  | 133 | Atlantic Silverside |  | ***DIV 3***  ***TOTALS 135*** |
|  | 1 | Striped Bass |  |  |
|  | 1 | Northern Kingfish |  |  |
|  | 1 | Atlantic Tomcod |  |  |
|  | 1 | Porgie |  |  |
| ***Macro Invertebrates*** | 1 | Grass Shrimp |  |  |
|  | 4 | Blue Crab |  |  |
|  | 9 | Hermit Crab |  |  |
| ***Sediment Core*** | ***Length*** | ***Properties*** | ***Common*** | ***Abundant*** |