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

**(Salt Front ~RM83)**

**RIVER MILE 97**

**Sojourner Truth/Ulster Landing State Park, Town of Ulster, Ulster Co.**

**Latitude 42°N, Longitude 73°56’W**

**Stephen Hart, Mill Road Elementary School 4th graders – 21 students, 2 adults**

**Location:** Swimming beach, Sojourner Truth/Ulster Landing Park, Town of Ulster, Ulster County

**Area:** fishing, swimming beach, has a building with restrooms

**Surrounding Land Use:** Beach 5%; Forested area 90%; parkland with grass and picnic area 5%

**Sampling Site:** beach, altered bank with concrete bulkhead, wood debris driftwood, slag and brick in the area, drainage from bulkhead north of site immediately

**River Bottom**: sandy at the edge then very muddy

**Site Sample Times 9:30AM-12:30 PM**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time*** | | ***Reading 1*** | ***Reading 2*** | ***Comments*** |
| ***Physical*** |  | |  |  |  |
| Air Temperature | AM | | 19.6°C  67 °F |  |  |
| Wind Speed | 0-5 MPH | |  |  | |
| Cloud Cover | NR | |  |  |  |
| Weather today |  | | | | |
| Weather recently | Warm and dry | | | | |
| ***Water Temperature*** | AM | 17.4°C  63°F | |  |  |
| ***Turbidity*** | AM | 17 cm | |  |  |
| ***Fish Catch - seine*** | ***Species -*** | ***Number*** | | ***Length of largest*** | ***Diversity & Totals*** |
| ***3 seines*** | Striped Bass | 2 | | 5.5 cm | ***Diversity - 9*** |
|  | Spottail Shiner | 24 | | 10 cm | ***Total - 81*** |
|  | White Perch | 21 | | 15 cm |  |
|  | Bluegill | 13 | |  |  |
|  | Bullhead | 8 | | 25 cm |  |
|  | Blueback Herring | 1 | | 2.54 cm |  |
|  | Banded Killifish | 2 | | 8 cm |  |
|  | Tessellated Darters | 7 | | 8 cm |  |
|  | Unidentified shiners | 3 | | 8 cm |  |
| ***Macros*** | Blue crabs | 7 | | Very small | ***Diversity – 1***  ***Totals - 7*** |
| ***Tides*** | Low tide allowed us to scrape the bottom with the 30 ft. net for more fish species and numbers. | | | | |