**Snapshot Day 10/20/16**

**(Saltfront ~RM 83)**

**RIVER MILE 14**

**Inwood Hill Park Nature Center, NYC**

**Diane Schwartz, Rochambeau Alternative High School, White Plains NY**

**10th-12th grade, 30 students, 4 adults**

**Chris Bowser, DEC HREP, HRNEER**

**Latitude 40°50’N/ Longitude 73°55 W**

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| --- | --- |
|  |  |

**Location:** In the cove of Inwood Hill Park

**Area:** Forested

**Surrounding Land Use:** Forested 60%; urban residential 40%; park/recreation; Pier, bulk-headed, rip rap shoreline. Forested and used by people for picnics, jogging, sitting on park benches.

**Sampling Site:** large riprap on shoreline, drainage pipes in area, vegetation

**Plants in area:**

**Water depth**: 3-4 feet

**River Bottom** – muddy

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time*** | ***Reading 1*** |  | ***Comments*** |
| ***Physical***  |   |  |  |  |
| Air Temperature | NR |  |  |  |
| Wind | NR |  |  |  |
| Cloud Cover | 26-50% | Partly cloudy |  |
| Weather today | No rain |
| Weather recently |  Warm and dry |
| **Water surface:**  | calm |  |  |  |
| ***H2O Temp.*** | AM  | 15.5 C | 60 f |  |
| ***Turbidity*** | NR |  |  |  |
| ***Chemical*** |  |  |  |  |
| DO  | NR |  |  |  |
| pH | NR |  |  |  |
| Salinity – hydrom. |  | 18 ppt  |  |  |
| ***Fish Catch*** | ***Number Caught*** | ***Species*** | ***CPUE*** | ***Seine*** |
| Seine  | 4 | Atlantic Silverside |  | **DIV 3** **TOTAL 11** |
|  | 6 | Mummichog |  |  |
|  | 1 | White perch |  |  |
| **Macroinvert** | 1 | Tiny blue crab |  | **DIV 2** |
|  | 1 | Comb jelly |  | **TOTALS 2** |
| Great day! Thank you very much Chris. We look forward to getting the data from the day and doing this again next year!! |