**Snapshot Day 10/10/13**

**(Salt Front RM 69.4)**

**RIVER MILE 14**

**Inwood Hill Park Nature Center, NYC**

**Bernadette Wilson – PS 344 AmPark Neighborhood School – 4th grade – 25 students, 5 adults and a 2 person seining team**

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

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

**Area:** Forested

**Surrounding Land Use:** Forested 60%; urban residential 10%; Industrial/commercial 10%; 20% paved. 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**:

**River Bottom** – muddy, rocky

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time*** | | ***Reading 1*** |  | ***Comments*** |
| ***Physical*** |  | |  | Wind Speed |  |
| Air Temperature |  | |  |  |  |
| Cloud Cover | cloudy | |  |  |  |
| Weather today | Temperature cool and rain threatened | | | | |
| Weather recently |  | | | | |
| ***H2O Temperature*** |  |  | |  |  |
| **Water surface:** |  |  | |  |  |
| ***Turbidity***  *(short site tube)* | 10:15 11:09 11:38  12:08 | 40 JTU  40 JTU  0 JTU  40 JTU | |  |  |
| ***Chemical*** |  |  | |  |  |
| DO  Estuary wide monitoring kit | 10:13 AM  10:29 AM  10:52 AM  12:06 PM  12:26 PM | 4 ppm  4 ppm  6 ppm  6 ppm  4 ppm | |  |  |
| pH | 10:16 AM  10:43 AM  11:00 AM  11:16 AM  11:35 AM | 6  4  7  4  7.5 | |  |  |
| Salinity – hydrometer range was for saltwater tank so unusable | | | | |  |
| ***Fish Catch*** | ***Number Caught*** | ***Species*** | | ***CPUE*** | ***Seine*** |
| Used seine | 1 | American Eel | |  |  |
|  | 2 | Juvenile Blue Crab | |  | **2 species**  **3 total catch** |