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

**(Salt Front ~RM 83)**

**HARLEM RIVER MILE 13**

**Swindler’s Cove Park on the Harlem River**

**Nina Salzman, Mya Jenkins and the New York Restoration Project Staff**

**Ms. Feng -5th graders Ellen Lurie School (44 students), 4 adults**

**GPS Latitude 40° 51’36”N – Longitude 73°55’12”W**

**(40° 86 N -73° 92 W)**

 **Location:** Beach at Swindler Cove Park, next to the north end of Harlem River Drive, Manhattan

**Area:** There is a pier, beach, floating boathouse with a dock. Area used for boating, rowing, biking, walking, school groups- forested and grassy area

**Surrounding Land Use:** 50% beach, 50% Industrial/Commercial

**Sampling Site:** Sandy, muddy beach area, covered with vegetation, riprap banks

**Plants in area:** grass, sycamore trees

**Water depth**:

**River Bottom**: muddy

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time*** | ***Reading 1*** | ***Reading 2*** | ***Comments*** |
| ***Physical***  |  **Sampling occurred between 10:00 AM to 2:00 PM** |
| Air Temperature | NR |  |  |  |
| Wind Speed |   |  |  |  |
| Cloud Cover | Mostly cloudy | Overcast  |  |  |
| Weather today | drizzly |  |  |  |
| Weather recently | Hot, dry |  |  |  |
| Water  | choppy |  |  |  |
| ***Water Temperature*** | AM | 20°C | 68°F |  |
| ***Turbidity – long site tube*** |  |  |  |  |
| ***Chlorophyll*** |  |  |   |  |
| ***Chemical*** | TIME | DO | Temp |  |
| DO  | NR  |  | °C |  |
| pH –  |  NR |  |  |  |
| Salinity – hydrometer | AM | 7 ppt |  |  |
| ***Fish Catch –***  | ***Number caught*** | ***Species*** |  | ***Diversity & Total catch*** |
|  | ***0*** | ***NA*** |  |  |
| ***Macros*** | ***1*** | ***Slipper Shell Snail*** |  | ***DIV 3******TOTAL 4*** |
|  | ***2*** | ***Blue Crab*** |  |  |
|  | ***1*** | ***Shore Shrimp*** |  |  |