**Snapshot Day 10/20/15 Data**

**(Salt Front RM 78.2)**

**RIVER MILE 124.5**

**Nutten Hook, Green County NY**

**Michelle Vedder-Drew, Mud Creek ELC/Columbia County Soil & Water**

**Liz Pagnini & Kendra Mallow, Rock Solid Foundations School**

**4th (4 students) & Younger (4 students) and 4 adults**

**GPS Latitude 42.35841 N Longitude -73.787952 W**

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**Location:** Nutten Hook, Green County, NY

**Area:** Beach, forested bluff, large marsh behind bluff, DEC public access, used for picnics, water access

**Surrounding Land Use:** Beach - shoreline is sandy and rocky, riprap, banks altered in some areas with bulkhead

**Shoreline:** Sandy, Muddy

**River Bottom:** Muddy

**Plants in area:** very small amount of water milfoil and water chestnut

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| ***ITEM*** | ***Time*** | | ***Reading 1*** | ***Reading 2*** | ***Comments*** | |
| ***Physical*** |  | |  |  |  | |
| Air Temperature | 3:25 PM | | 13.5°C |  |  | |
| Wind Speed | 3:25 PM | | Beaufort 0 | No wind | | |
| Cloud Cover | 4:15 PM | | 51-75% |  |  | |
| Weather today | Cloudy but no rain | | | | | |
| Weather recently | cool | | | | | |
| ***Water Temperature*** | 3:50 PM | 12.5°C | | 6 inch depth |  | |
|  | 10:19 AM | 18°C | |  |  | |
| ***Water calm*** | NR |  | |  |  | |
| ***Turbidity – short site tube*** | 3:42 PM | 15 JTU | |  |  | |
| ***Chemical*** |  |  | |  |  | |
| DO  (drop count kit) | NR |  | |  |  | |
| pH | 3:34 PM | 8.2 | |  | |  |
| Salinity | NR |  | |  |  | |
| ***Fish Catch*** | ***Number Caught*** | ***Species*** | | ***length*** | ***Seine***  ***10 seines*** | |
| 40 ft. seine net X 3/8 inch mesh | None caught |  | |  |  | |
| ***Tides*** | 3:18 PM | 24.13 cm | | No second measure |  | |
| ***Currents*** | 3:22 PM | Ebb tide | |  |  | |
| ***Boat Traffic*** | 2 small recreational boats – both traveling north | | | | | |
| ***Core*** | Abundant mud, common leaves | | | | | |
| ***Other Items*** | Birds, water chestnut seeds, small shell bits | | | | | |