**Day in the Life of the Hudson River 10/20/15 Data**

**(Salt Front RM 63.6)**

**RIVER MILE 92**

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**Kingston Point Park, Kingston, Ulster County**

**GPS Latitude 41°55.6 N Longitude 73°57.90 W**

**Steve & Julie Noble, Forsyth Nature Center (Site Hosts)**

**C. Sunzi, George Washington ES– 3&4th grade, 21 students, 5 adults**

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**Location:** Swimming Beach Kingston Point, City of Kingston, forested, beach and parking lot

**Area:**, Used for picnics, boating, fishing, swimming, jogging, kayaking

**Surrounding Land Use**: 75% forested; 20% beach; 5% Industrial/Commercial

**Sampling Site:** Beach area-shoreline is sandy with some bricks, banks are altered, collected wood debris in the area, rip rap to north along brickyard shoreline. Sandy shoreline 75 feet from shoreline to parking lot, 200 feet wide with boat launch, large amount of brick debris from prior industry

**Plants in area:** 10% water chestnut

**Water depth**: 0 depth

**River Bottom** : sandy

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| ***ITEM*** | ***Time*** | ***Reading 1*** | ***Reading 2*** | ***Comments*** |
| ***Physical***  |   |  |  |  |
| Air Temperature | 1:30 PM | 66°F19°C |  |  |
| Wind Speed | 1:20 PM |  | 1.5 mph  | meter |
| Cloud Cover | 10:30 -12:30 PM | Mostly cloudy 51-75% cover |
| Weather today | Cold no rain |
| Weather recently | Windy and cold – 49-63 F  |
| ***Water Surface*** | Calm |
| ***Water Temperature*** | Time | Temperature #1 | Temperature #2 | Average |
| Water Depth 0.5 ft. | 1:30 PM | 51°F 11 °C |  |  |
| ***Chemical*** |  |  |  |  |
| DO *Test tabs* |  |  |  |  |
| pH – pen  |  |  |  |  |
| Salinity - Quantab |  |  | . |  |
| ***Fish Catch****30’seine X 4 ft. with bag* | ***Number Caught- 15***  | ***Species - 2*** | ***Largest Size*** |  |
| *11:30 AM* | 10 | herring | 10 cm | **Diversity 2** |
| *2 hauls* | 5 | Striped Bass | 8 cm | **Total 15** |
| ***Tides*** | 10:50 AM | 0 cm |  |
|  | 11:38 AM | 0 cm |  |  |
| ***Currents*** | 10:50 AM 11:38 AM11:55 AM1:30 PM | EbbEbbEbbEbb |  |  |
| ***Core Sample*** | ***Description*** | ***Rare*** | ***Common***  | ***Abundant*** |
| ***Traffic- Commercial***  | 10:30 AM | Bouchard  | Black/Red | Southbound Light |
| ***Traffic – Recreational***  | 11:30 AM | Recreational  | Yellow | Southbound Light |
| ***Other Items*** | Ring billed gulls (counted 100) RavenLots of bits of brick, we are next to a non-functioning brick factory |
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