

**Day in the Life of the Hudson 10/10/13 Data  
(Salt Front RM 69.3)  
RIVER MILE 60 – Dennings Point**



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6<sup>th</sup>-9<sup>th</sup> grade, 40 students, 4 adults**



**Location:** Dennings Point, Beacon, Dutchess County

**Area:** Beach with large piping entering river. Believe area mostly used for sightseeing and fishing. Found a homemade crab trap on the beach!

**Surrounding Land Use:** Nature preserve with few buildings, 60% forested; 30% beach; 10% buildings

**Sampling Site:** Beach, covered with vegetation, rocky & sandy

**Testing:** 9:00-12:30 PM

| <i>ITEM</i>              | <i>Time</i> | <i>Reading 1</i> | <i>Reading 2</i> | <i>Comments</i> |
|--------------------------|-------------|------------------|------------------|-----------------|
| <i>Physical</i>          |             |                  |                  |                 |
| Air Temperature          |             |                  |                  |                 |
| Wind Speed               |             |                  |                  |                 |
| Cloud Cover              |             |                  |                  |                 |
| Weather today            |             |                  |                  |                 |
| Weather recently         |             |                  |                  |                 |
| <i>Water Temperature</i> |             |                  |                  |                 |
| <i>Water Surface</i>     |             |                  |                  |                 |

|                                   |                             |                         |                      |                     |
|-----------------------------------|-----------------------------|-------------------------|----------------------|---------------------|
| <i>Turbidity – long site tube</i> | AM                          | 24 cm                   |                      |                     |
| <i>Chlorophyll</i>                |                             |                         |                      |                     |
| <i>Chemical</i>                   |                             |                         |                      |                     |
| DO<br>(drop count kit)            | AM                          | 7 mg/L                  |                      |                     |
| pH                                | AM                          | 7.5                     |                      |                     |
| Salinity - quantab                | AM                          | 7.8                     | 603 ppm Cl-          | 1085 ppm T.S.       |
| <b><i>Fish Catch</i></b>          | <b><i>Number Caught</i></b> | <b><i>Species</i></b>   | <b><i>Length</i></b> | <b><i>Seine</i></b> |
|                                   | 20                          | Bay Anchovy             |                      |                     |
|                                   | 4                           | White Perch             |                      |                     |
|                                   | 3                           | Herring                 |                      |                     |
|                                   | 9                           | Shiner                  |                      |                     |
| <b><i>Total Catch</i></b>         | <b>36</b>                   | <b><i>Diversity</i></b> | <b>4</b>             |                     |
| <b><i>Macros</i></b>              | 1                           | Crab                    |                      |                     |