**Snapshot Day 10/20/16 Data**

**(Saltfront ~ RM 83)**

**RM -2 , Valentino Pier PM**

**Alexa Sloan, Counseling In School & JHS 223**

**12 students (6th-8th) , 2 adults**

**GPS Latitude N : 40°40’42. 10” - W-74°01’06.07**

**Location:** Valentino Pier, Redhook, Brooklyn, NY

**Area:** A large pile of rocks with a small rocky “beach”; area with large pier;

**Surrounding Land Use:** Beach – 5%; Urban/residential 10%; Industrial/Commercial 75%; 10% other- surrounding area landscaped with sea grasses. It is used as a dog walk although signs prohibit that use. Fishing was happening at end of the pier.

**Sampling Site:** beach

**Shoreline:** Pier, riprap

**River Bottom** : sandy and rocky near the little beach area

**Sampling Time: 3PM-5PM**

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| --- | --- | --- | --- | --- |
| ***ITEM*** | ***Time*** | ***Reading 1*** | ***Reading 2*** | ***Comments*** |
| ***Physical***  |   |  |  |  |
| Air Temperature | 3-5 PM | 20°C |  |  |
| Wind Speed | 11.8 mph | Beaufort  |  |  |
| Cloud Cover | Overcast  |  |  |  |
| Weather today | No rain  |
| Weather recently | Warm and dry |
| ***Water Temperature*** | 3-5 PM | 19°C |  |  |
| ***Turbidity – short sight tube*** | 3-5 PM | 45.4 cm |  |  |
| ***Chemical*** |  |  |  |  |
| DO  | 3-5 PM | 19°C  | 7 ppm | 75% |
| *pH –* | 3-5 PM | 8 |  |  |
| Salinity – hydrometer | 3-5 PM | 27 ppt |  |  |
| ***Fish Catch***14 ft..seine net, mesh size ¼ inch  | ***Number Caught*** | ***Species*** | ***Length of largest*** | ***Catch Totals*** |
|   | 37 | Atlantic Silversides |  | **Diversity 2****Total Catch 52** |
|  | 15 | Atlantic Menhaden |  |  |
|  | 1  | Molt of an Asian Shore Crab |  |  |