

Day in the Life of the Hudson River 10/12/17 Data
(Saltfront ~ RM 65)
RIVER MILE -2 , Louis Valentino, Jr. Park and Pier
Alexa Sloan, Counseling In School & JHS 223
15 6TH-8TH Graders, 3 adults
40.678639, -74.018306

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

Water Surface : Choppy

| <i>ITEM</i> | <i>Time</i> | <i>Readings</i> | | |
|---------------------------------|---|-------------------------------|----------------------------|--------------------------|
| <i>Physical</i> | | | | |
| Air Temperature | NR | | | |
| Wind Speed | 3:30 PM | | 12.6 mph | |
| Cloud Cover | | | | |
| Weather today | | | | |
| Weather recently | Unusually warm temperatures, sunny skies, humid | | | |
| <i>Water Temperatures</i> | | | | |
| <i>Turbidity secchi</i> | 3:30 PM | 13 ft. 1 inch | 157 cm | |
| <i>Chemical</i> | Time | ppm | Temp | % Sat |
| DO Drop count kit | NR | | | |
| pH meter | 3:30 PM | 7.9 | | |
| Salinity - hydrometer | 3:30 PM | 26 ppt | | |
| <i>Fish Catch</i> | Time | Species | # caught | Size |
| | 3:30 PM | Atlantic Silverside | 14 | |
| <i>*Tides - water depth</i> | Time | *Distance to water | *Rate of change | *Flood or Ebb |
| | NR | | | |