Snapshot Day 10/12/17 Data (Saltfront ~ RM 65)

RM -2, Valentino Pier

Barbara Taragan, Elissa Eisenberg, Taraneh, Josh, Cora, Nineka 2 SCA – Joanna and Chelsea Robinson (seining photo!) Robert Pincus, Climatologist

Barent Roth, Parsons/New School professor and students Taina Guarda and Shreen Bhansali to trawl plastics in the water



The Brooklyn New School PS 146 - 4th graders - 100 students, Adults 15 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:

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

| ITEM | Time | Reading 1 | Reading 2 | Comments |
|-----------------|------|--------------|-----------|----------|
| Physical | | | | |
| Air Temperature | NR | °C | | |
| Wind Speed | NR | Beaufort | | |

| Cloud Cover | Overcast | | | | |
|--|---|--|---|---|--|
| Weather today | | n in the AM | | | |
| Weather recently | Some precip in the AM Warm and some rain last 2 days but dry before that | | | | |
| weather recently | | | | | |
| Water Temperature | 12:00 PM | 20°C | °C | | |
| // utel Temperature | 12.0011 | 20 C | | | |
| | | | | | |
| Water | choppy | | | | |
| Turbidity – short sight tube | 9:00 - | 30 JTU | | | |
| , , | 1:00 PM | | | | |
| | | | | | |
| Chemical | | | | | |
| DO | 9;00 AM | 19°C | 8 ppm | 90% | |
| Lamotte DO tablet | 12:00 PM | 20°C | 4 ppm | 33% | |
| | | | | | |
| pH –indicator solution with | 12:00 PM | 7 | | Average 6.8 | |
| LaMott testabs | | 6.5 | | | |
| | | 7 | | | |
| Salinity – hydrometer | 9:00 -1:00 | 25 ppt | | Average 25 | |
| | PM | 25 ppt | | ppt | |
| | | 25 ppt | | | |
| Fish Catch | Number | Species | Length | Catch Totals | |
| | | | | | |
| 14 ftseine net, mesh size 1/4 | Caught | | of | | |
| 14 ftseine net, mesh size ¼ inch | J | | of largest | | |
| 14 ftseine net, mesh size ¼ inch 3-4 seines | Caught 20 | Atlantic | | Diversity 1 | |
| 14 ftseine net, mesh size ¼ inch 3-4 seines fish - # of silversides not | J | Atlantic Silversides | | Total Catch | |
| 14 ftseine net, mesh size ¼ inch 3-4 seines fish - # of silversides not recorded – used a figure | J | | | • | |
| 14 ftseine net, mesh size ¼ inch 3-4 seines fish - # of silversides not recorded – used a figure based on prior catches for a | J | | | Total Catch | |
| 14 ftseine net, mesh size ¼ inch 3-4 seines fish - # of silversides not recorded – used a figure based on prior catches for a full day at this site | 20 | | | Total Catch | |
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