

Snapshot Day 10/20/15 Data

RM -2 , Valentino Pier

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The Brooklyn New School PS 146 4th graders – 96 students, Adults 9-10

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 5%; Industrial/Commercial 90%; - 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

| <i>ITEM</i> | <i>Time</i> | <i>Reading 1</i> | <i>Reading 2</i> | <i>Comments</i> |
|------------------|---------------|------------------|------------------|-----------------|
| Physical | | | | |
| Air Temperature | | | | |
| Wind Speed | | Beaufort | #5 to 6 | |
| Cloud Cover | clear | | | |
| Weather today | No rain | | | |
| Weather recently | Cool weather. | | | |

| | | | | |
|---|--|----------------------|--|---------------------------------------|
| Water Temperature | 9:30 AM | 15°C 14 15 | | Average 14.66°C |
| | 10:00 AM | 15°C 15 15 | | 15°C |
| | 10:30 AM | 15°C 15 15 | | 15°C |
| | 11:00 AM | 15°C 15 15 | | 15°C |
| | 12:00 PM | 15°C 15 15 | | 15°C |
| | 12:30 PM | 15°C 15 15 | | 15°C |
| Water calm | yes | | | |
| Turbidity – short sight tube | 9:30 – 1:30 PM | 40 JTU 40 40 | | 40 JTUs |
| Chemical | | | | |
| DO ampules | NR | | | |
| pH –indicator solution with LaMott testabs | 9:30 to 1:00 PM | 7 | | 7 |
| Salinity – refractometer | NR | | | |
| Fish Catch 14 ft..seine net, mesh size ¼ inch | Number Caught | Species | Length of largest | Catch Totals |
| 9:00 AM fish | 20 | Atlantic Silversides | 9 cm | Diversity 1 Total Catch 20 |
| Macroinvert. | 2 | Asian Shore Crab | | Diversity 1 Total Catch 2 |
| Tides | NR | | | |
| Currents | 9:30AM – 1:00 PM | South | We threw white daisies in water off of the south side of the Pier. | |
| Almanac Entry – some comments | <p>What are they doing to clean the river? I know that the fish are being contaminated by the polluted water. I think that the trash that people in NYC are throwing in the water is polluting it. Why is it so full of trash? There are garbage cans everywhere.” When will the water be clean so we can come to swim?</p> | | | |