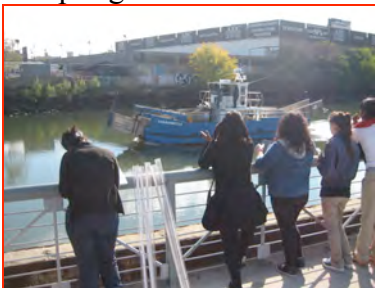


Snapshot Day 10/14/10 Data
(Salt Front RM 36)
Concrete Plant Bronx River
Concrete Plant, Bronx, NY
Damian Griffin, Bronx River Alliance
Tara Ware, Validus Preparatory Academy
25 students, 11th graders



Location: Concrete plant, Bronx River
Area: Mostly used for boating and fishing
Surrounding Land Use: Largely reclaimed industrial: warehouses, concrete plants, and salvage yards
Sampling Site: Pier,
River Bottom: Sandy, Muddy, Rocky
Plants in area:
 Sampling Times – 10AM to 2 PM



| <i>ITEM</i> | <i>Time – 3 sets of readings taken throughout the sampling period</i> | <i>Reading 1</i> | <i>Reading 2</i> | <i>Reading 3</i> |
|-----------------|---|------------------|------------------|------------------|
| <i>Physical</i> | | | | |
| Air Temperature | | 10 °C | 10 °C | 10 °C |
| Wind Speed | | | | |

| | | | | |
|---|--|--------------|-------|-------------------|
| Cloud Cover | 100% | | | |
| Weather today | No rain | | | |
| Weather last 3 days | Sunny & windy | | | |
| Water Condition | Calm | | | |
| Water Temperature | | 15°C | 14°C | 15 °C |
| Turbidity secchi | transparent | | | |
| Chlorophyll | | | | |
| Chemical | | | | |
| DO (drop count kit) | | 7 ppm | 15°C | 67% saturation |
| | | 14 ppm* | 14°C | 138% saturation |
| *expect air bubble introduced during test | | 15 ppm* | 15°C | 150% saturation |
| pH | | 7 | 7 | 7 |
| Salinity* – reflects tide change - High tide for Hunts Point was 5:43 AM and falling through noon | | 6 ppt* | 3 ppt | 2 ppt |
| Phosphate | | 0 | 0 | 0 |
| Nitrate | | 1 | 1 | 1 |
| Alkalinity | | 128 | 120 | 124 |
| Fish Catch | Total | Fish | | 3-4 seines |
| Seine – 5 ft. – 3 min. pull | ~30 | mummichogs | | |
| | 1 | Shore shrimp | | |
| Tides | | | | |
| | High tide for Hunts Point was 5:43 AM and falling through noon | Falling | | |
| Currents | | | | |
| Ships | DEP boat for the floatables boom | | | |