

**Snapshot Day 10/7/08 Data
(Salt Front RM 63.4)
EAST RIVER MILE 8
Barretto Park
Michael Dong P.S. 382
111 2nd Grade Students**

Location: Tiffany Street Pier, Barretto Point Park, Hunts Point, Bronx East River

Area: amphitheater, Barretto Point Park

Surrounding Land Use: Beach

Plants in area: trees and grass

| ITEM | Time | Reading 1 | Reading 2 | Comment |
|--------------------------|---------------------------|---------------------|--|------------------|
| <i>Physical</i> | | | | |
| Air Temperature | 11:21AM | 60 °F | | |
| Wind Speed | 11:21 AM | #1 beaufort | 1-3 knots | West wind |
| Cloud Cover | Clear | Cold & sunny | | |
| Water | Choppy in AM | | | |
| <i>Water Temperature</i> | 11:25 AM | 18°C 19C 18°C | | 18.3°C Average |
| <i>Turbidity</i> | 11:20 AM | 0 JTU | | Short sight tube |
| <i>Chlorophyll</i> | 11:20 AM | 0.0-0.1 | | |
| <i>Chemical</i> | | | | |
| pH | 11:10 AM | 7. 7 6 | 6.67 | Color match |
| DO | 18.3°C | 4 ppm | 40% saturated | |
| <i>Salinity</i> | 10:30 AM | 37 ppt | | hydrometer |
| | 11:30 | 26 ppt | | |
| | 2:00 PM | 9 ppt | | Hydrometer |
| <i>Tides</i> | 11:16 AM | 90 cm | Rising | |
| <i>Currents</i> | 11:20 AM | 600/24 cm sec | 0.5 knots | South - Ebb |
| <i>Core</i> | | | | |
| | <i>Length</i> | <i>Common</i> | <i>Rare</i> | <i>Other</i> |
| | 13 cm – 4 cm oxidized top | Clay Mud Sand | Gravel Pebbles Shells Brick Slag | H2S smell |