

**Day in the Life of the Hudson River 10/16/14 Data
 (Hudson River Salt Front RM 65.9)
 Bronx River Mile 8 Hunts Point & RM 7.5 (CSO HP-009)
 Hunts Point Riverside Park, Bronx, NY
 Rocking the Boat,
 Lat 40.8172 – Lon. -73.8810**



Location: Hunts Point, Riverside Park, Bronx River

Area: Mostly used for boating and fishing

Surrounding Land Use: 5% beach; 95% industrial/commercial

Sampling Site: Beach, pier, shoreline riprap, covered with vegetation, debris in the area

River Bottom: Sandy, Muddy, Rocky

Plants in area:

Sampling Location 1 – Dock – Sample time 6:04 PM

| <i>ITEM</i> | <i>Time</i> | <i>Reading 1</i> | <i>Reading 2</i> | <i>Comments</i> |
|--------------------------|-------------|---------------------------------------|------------------|-----------------|
| <i>Water Temperature</i> | 6:04 PM | 77°F 25°C | | |
| <i>Turbidity</i> | | 50cm 58 52 | 53 cm average | |
| <i>DO</i> | | 7.5 mg/L 7.3 7.3 Average 7.4 | 25°C | 87% saturation |
| <i>pH</i> | | 7.5 7.5 7.5 | 7.5 average | |

| | | | | |
|-------------------|--|--------------------------------|--------------------|--|
| Salinity - | | 10 ppt 7 ppt 8 ppt | 8.3 ppt average | |
| Nitrates | | 1.0 mg/L 0 mg/L 1.0 mg/L | 0.67 mg/L | |
| Tides | | LOW | | |

Sampling Location 2 CSO HP-009 - 6:50 PM

| ITEM | Time | Reading 1 | Reading 2 | Comments |
|--------------------------|-------------|---------------------------------------|-------------------|-----------------|
| Water Temperature | 6:50 PM | 71.6°F 22°C | | |
| Turbidity | | 44cm 46 48 | 46 cm average | |
| DO | | 7.5 mg/L 7.6 8.2 Average 7.7 | 22°C | 85% saturation |
| pH | | 7.5 7.5 7.0 | 7.3 average | |
| Salinity - | | 17 ppt 20 ppt 17 ppt | 18 ppt average | |
| Nitrates | | 1.0 mg/L 1.0 mg/L 1.0 mg/L | 1.0 mg/L | |
| Tides | | LOW | | |