

**Snapshot Day 10/8/09 Data  
(Salt Front RM 60.3)**

**Gantry Plaza East RM 4.5**

**Min Kan, New York City Department of Environmental Protection**

**Walter Ditman, Denise Lee, and Scott Dennis, PS 78Q**

**Uzma Shah, Baruch College Campus High School**

**5<sup>th</sup> grade, 35 students, 12<sup>th</sup> grade, 25 students**

**Location:** Gantry Plaza State Park

**Area:** Pier, Banks altered – riprap along edges – mainly metal and wooden pier

**Surrounding Land Use:** Urban and residential and commercial mix. Park with several piers and floating dock, playground, some planted areas

**Sampling Site:** Recreational pier

**Plants in area:** no plants but bottom weedy

**Bottom:** Sandy, muddy, rocky

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<b><i>Physical</i></b>				
Air Temperature	10:30 PM	16°C	15°C	
	11:04 PM	18°C	17°C	
Wind Speed (Beaufort Chart)	10:30 PM	Beaufort 2	Beaufort 2	Southwest
	11:04 PM	Beaufort 2	Beaufort 3-4	South
Cloud Cover	10:30 PM	Scattered	Partly	
	11:04 PM	Scattered	Partly	
Weather last 3 days				
<b><i>Water Temperature</i></b>	10:30 PM	12°C	16°C	
	11:04 PM	16°C	17°C	
<b><i>Turbidity</i></b> Turbidity Long Sight Tube	10:30 PM	71 cm	70.1cm	
	11:04 PM	69 cm	59 cm	
<b><i>Chlorophyll</i></b>	11:04 PM	0.1		
<b><i>Chemical</i></b>				
DO (CHEMetrics Ampoules)	10:30 PM	16°C	5.5 ppm	52%
	11:04 PM	16°C avg	7 ppm	68%
pH (paper)	10:30 PM	6	6.5	

	11:04 PM	5.5	5	
Phosphate				
Nitrite				
Nitrate				
Alkalinity				
Salinity (Hydrometer)	10:30 PM	25 ppt	25 ppt	
	11:04 PM	24ppt	22 ppt	
<b><i>Fish Catch</i></b>	<b><i>Number Caught</i></b>	<b><i>Species</i></b>	11:04 PM	
<b><i>Other organisms</i></b>				
<b><i>Tides</i></b>				
<b><i>Currents</i></b>				
<b><i>Other Items</i></b>				
<b><i>Water Description</i></b>				