

**Snapshot Day 10/12/06 Data**  
**(Salt Front RM 53.5)**  
**RIVER MILE -3 (Red Hook)**  
**Ludger Balan, The Urban Divers/Gowanus Canal**  
**Kathy Palmer, PS 91 from the Bronx (6<sup>th</sup> grade)**  
**Janine King & Debbie Argenziano, PS 27 from Red Hook (6thgrade)**



**Location:** Valentino Piers is located at Coffey and Ferris in Red Hook, Parallel to the Battery, Governors Island , along the coast of Brooklyn.

**Area:** Beach Front and Pier, Common Public Usage: small boat launch, Picnic, Fishing, Occasion Swimming.

**Surrounding Land Use:** Mixture of RipRap, Sheet Metal Bulk Head, Banks altered. Bulkhead, Collected Wood Debris in the area.

**Sampling Site:** At the end of the pier the river bottom has significant mussel beds. Vegetation only exists on the park section of the area. The plants are native species which were planted by the NYC Parks.

**Plants in area:** None of the area was covered with plants in the water.

**Water Depth:** 3 to 12ft incline towards open water

**River Bottom:** Rocky, Gravelly, Sandy

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<b>Physical</b>				
Air Temperature	11:25 AM	25° C	25° C	
Wind Speed	17/21 knots	South/East		Water Choppy
Cloud Cover	Mostly cloudy			
Weather today	No rain. Day began with cloud cover but over timd clouds broke up in the west			
Weather recently	Rain yesterday and last night			
<b>Water Temperature</b>	1:30 PM	Surface 23° C		
<b>Turbidity</b>	11:20 AM	3 ft.	3 ft.	Both Secchi & sight tube

<b><i>Chlorophyll</i></b>				
<b><i>Chemical</i></b>				
DO (ampules)	Unable to read due to contaminated kit			
pH - Lamotte test & colorimeter	12:05	7.5	7.5	7.5
Phosphate	n/a			
Nitrate	n/a			
Alkalinity	n/a			
Salinity - hydrometer	11:20 AM	26 ppt	22 ppt	26 ppt
<b><i>Fish Catch</i></b>	<b><i>Number Caught</i></b>			
Ran out of time so unable to seine	<i>Previous seine records from around same time of year In 2 pulls  (not included in cumulative totals for Snapshot Day)</i>		<i>45 Silversides 6 mud crabs 6 jelly fish 6 grass shrimp</i>	
<b><i>Sediment Core</i></b>	No core, but sediment is sand/gravel/pebbles			
<b><i>Tides</i></b>	10:30 AM	3 feet	Rising	
<b><i>Currents</i></b>				
	North/South	~2.5 knots	Flood	