

**Snapshot Day 10/12/06 Data  
(Salt Front RM 52.5)  
RIVER MILE -7 Ft. Wadsworth**



**GPS latitude N40.59918 W 074.05427  
Dan Meharg, Geri Kobryn-Blatter, Jen and Liz at Ecology Village,  
National Parks Service Rangers  
Mrs. Crane's Class at I.S. 220**

**Location: Fort Wadsworth, Verrazano Bridge**

**Area:** Facing south toward Sandy Hook (confluence of Hudson, Raritan and Atlantic Ocean)

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	12:30 PM	73° F 23° C		
Cloud Cover	Partly cloudy			
Weather yesterday	Rainy ~ 1 inch			
Water	Very Choppy water – high tide			
<i>Water Temperature</i>	12:30 PM	F 70° C 22°	Water depth 1 ft.	Open water
<i>Turbidity</i>				
<i>Chlorophyll</i>				
<i>Chemical</i>				
DO (Hach DR820 colorimeter)	12:44 PM	8.1 mg/L	Temp. 22° C	95% saturated
pH	12:30 PM	7.0	8.0	7.5

Phosphate	12:30 PM	.4 mg/L	.6 mg/L	Taken near Verrazano Br.
Nitrate	12:44	.30 mg/L	.34 mg/L	
Alkalinity	n/a			
Salinity	12:34 PM	22.5 ppt		
<b><i>Fish Catch</i></b>	<b><i>Number Caught</i></b>	<b><i>Species</i></b>		
				Tried seining but too choppy
<b><i>Core Sample</i></b>				Taken by Verrazano Br.
<b><i>Tides</i></b>				
	12:30PM	10 cm	Rising	
<b><i>Currents</i></b>				