

**Snapshot Day 10/8/09 Data
(Salt Front RM 60.3)
RIVER MILE 5.5
Pier 95**

Penina Steinberg Midtown West School – 15 students 3-5th graders

Location: NYC 12th Ave. & 54th St. Manhattan

Area: Pier

Surrounding Land Use: roads and parking lots nearby, area is park-like with grass and trees, a large grassy area for recreation. Grass, trees and a sunflower visible.

Sampling Site: Recreational pier

Plants in water: None

Sampling Times: 10AM to Noon

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11:00 AM	12.78° C 55° F		
Wind Speed				Water choppy
Cloud Cover	clear			
Weather today	Sunny and breezy			
Weather recently	Dry and cool			
<i>Water Temp.</i>	9:00 AM	11° C 10.56 11.67	52° F 51 53	11° C 52° F
	11:00 A52M	15.6° C 15.6 15.6	60° F 60 60	15.6° C 60° F
<i>Turbidity Secchi disc</i>	9:00 AM	2.5 ft.		
<i>Chlorophyll</i>	9:00 AM	0.5		
	11:00 AM	0.5		
<i>Chemical</i>				
DO (Test Tabs/LaMotte)	9:00 AM	4.0 mg/L	14° C 57.2 ° F	40% saturated
	11:00 AM	6.0 ppm	15.56° C 60 ° F	60% saturated
pH (pH tabs)	9:00 AM	7.0 7.0 7.0		7 avg.
	11:00 AM	6 8 7		7 avg.

Phosphate	9:00AM	1 ppm 1 1		1 ppm avg.
	11:00 AM	1 ppm 1 ppm 1 ppm		1 ppm avg
Nitrate	9:00 AM	0 ppm 0 0		0 ppm avg.
	11:00 AM	0 ppm 0 ppm 0 ppm		0 ppm avg.
Alkalinity	n/a			
Salinity (hydrometer)	9:00 AM	15 ppt		
	11:00 AM	18 ppt		
<i>Tides</i>				
<i>Currents</i>	9:00 AM	SE	11:00 AM	SE
<i>Shipping</i>	9:00 AM	Barge with tugboat	Southbound	Loaded
	11:00 AM	Sailboat		
		Red & Black Ship		
<i>Other Observations</i>	Pigeon, geese, grasshopper, bee, yellow and black fish			