

**Snapshot Day 10/14/10 Data  
(Salt Front RM 36)  
RIVER MILE 5  
Pier 95**

**Penina Steinberg Midtown West School – 28 students 3-5<sup>th</sup> graders**



**Location:** NYC 12<sup>th</sup> Ave. & 54<sup>th</sup> 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:** grass, trees, leaves. plankton

**Sampling Times:** 10AM to Noon

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<b><i>Physical</i></b>				
Air Temperature				
Wind Speed				Water choppy
Cloud Cover	cloudy			
Weather today	sunny shifting to cloudy, windy, cool			
Weather recently	Cooling down temperatures			
<b><i>Water Temp.</i></b>	10:00 AM	19° C	65° F	
<b><i>Turbidity Site tube</i></b>	10:00 AM	40 JTU		
<b><i>Chlorophyll</i></b>	10:30 AM	0.1		
<b><i>Chemical</i></b>				
DO (Test Tabs/LaMotte)	11:00 AM	8.0 mg/L	19° C	87% saturated
pH (pH tabs)	11:00 AM	8.0		

Phosphate	10:00AM	2 ppm		
Nitrate	10:30 AM	0 ppm		.
Alkalinity	n/a			
Salinity (hydrometer)	Between 10 and noon	6 ppt		
<i>Tides</i>				
<i>Currents</i>				
<i>Shipping</i>	ships, boats, barge, tugboat, tire in the water, orange buoy			
<i>Other Observations</i>	seagulls, ducks, geese, birds, pigeons			