

**Snapshot Day 10/14/10 Data
(Salt Front RM 36)
RIVER MILE 2.5**

Christopher Street Pier (#45)

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Manhattan K - 3 – 100 students**



Location: Christopher Street Pier at the END of the pier where the “gazebo” is

Area: Pier, Banks altered – bulkhead – mainly metal and wooden pier

Surrounding Land Use: 100% Hudson River Park with walkway, some planted areas

Sampling Site: Recreational pier

Plants in area: None

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	9:30 AM	16°C		
	11:00 AM	19°C		
	12:15 PM	19°C		
	1:40 PM	20°C		
Wind Speed				
Cloud Cover				
Weather today				
Weather recently				
<i>Water Temperature</i>	9:30 AM	16°C		
	11:00 AM	17°C		
	12:15 PM	17°C		
	1:40 PM	17°C		
<i>Water surface Turbidity</i>				

<i>Chemical</i>				
DO (chemets ampules)	9:30 AM	7 mg/L	16° C	
	11:00 AM	8 mg/L	17° C	
	12:15 PM	7 mg/L	17° C	
	1:40 PM	8 mg/L	17° C	
pH (litmus)	9:30 AM	6.8		
	11:00 AM	7.0		
	12:15 PM	6.8		
	1:40 PM	7.0		
Salinity* (hydrometer)	9:30 AM	1.007 Sp. Grav	9.2 ppt	
	11:00 AM	1.010 Sp. Grav	13.2 ppt	
	12:15 PM	1.007 Sp. Grav	9.3 ppt	
	1:40 PM	1.010 Sp. Grav	13.2 ppt	

*I am not terribly confident in these specific gravity readings. I had a jar of full ocean salinity water (prepared with Instant Ocean) for a visual comparison. Some of this water may have gotten mixed up with the river water.