

Snapshot Day 10/18/11 Data
(Salt Front RM 35.7)
RIVER MILE 2.5
Hudson River Park's Pier #45
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K – 4th – 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	9:00 AM	14°C		
	10:00 AM	17.6°C		
	1:40 PM	20°C		
<i>Water Temperature</i>				
	9:00 AM	16°C		
	10:00 AM	17°C		
	1:40 PM	16°C		
<i>Chemical</i>				
DO (chemets ampules)	9:00AM	8 mg/L	16° C	
	10:00 AM	8 mg/L	17° C	
	1:40 PM	10 mg/L	16° C	
pH (litmus)	9:00 AM	7.0		
	10:00 AM	7.2		
	1:40 PM	7.0		
Salinity* (hydrometer)	9:00 AM	1.008 Sp. Grav	16° C	10.5 ppt

	10:00 AM	1.007 Sp. Grav	17° C	9.3 ppt
	1:40 PM	1.010 Sp. Grav	16° C	13.1 ppt

These salinity readings are much higher than those reported by adjacent locations