

**Snapshot Day 10/12/06 Data
(Salt Front RM 52.5)**

RIVER MILE 2

The River Project – Pier 40

Latitude N 40°43.267 Longitude W074°00.784

UTM E 583352 N4508267

J. T. Boehm, The River Project

**Bob Wallace - The Wallerstein Collaborative for Urban Environmental
Education/NYU**

Karen Johnson & 3rd grade teachers - Trevor Day School – full 3rd Grade



Location: Pier 40 Hudson River (also historically called the North River)

Area: large pier surrounding water access – 400 feet of waterfront

Surrounding Land Use: urban/residential 100%

Sampling Site: Banks altered; concrete & wood pilings

Plants in area: None

Water depth: 15 ft.

River Bottom – muddy

(Measurements were taken from 11:30 AM to 1:30 PM, average given when possible)

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11:45 AM	64° F	12:20 PM	66° F
Wind Speed	11:45 AM	6 - SW	12:20 PM: 4 - SW	Water choppy
Cloud Cover	Overcast			
Weather today	Post rain, getting warmer			
Weather recently	Heavy rains through previous night			
<i>Water Temperature</i>	11:45 AM	F 68° (average) C °		
<i>Turbidity</i>	12:20	110 cm		secchi

		(average)		
<i>Chlorophyll</i>	1:30 PM			
<i>Chemical</i>				
DO (drop count kit)	1:30	4.6 mg/L (average)	Temp. 68° C	
pH	11:45	7.66 (average)		Indicator sol.
Phosphate	n/a			
Nitrate	n/a			
Alkalinity	n/a			
Salinity	1:15	16 psu (average)		hydrometer
<i>Invertebrate Catch</i>	<i>Number Caught</i>	<i>Species</i>		<i>Minnow traps</i>
	9	Blue crab		
	23	Grass shrimp		
	2	Mud crabs (black tip)		
	1	Spider crab		
	3	isopods		
<i>Tides</i>	Flood- rising			
<i>Currents</i>				