

**Snapshot Day 10/12/06 Data
(Salt Front RM 52.5)
RIVER MILE East River 1 West
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Location: Beach under Brooklyn Bridge, 125 ft. North of Dover St.

Area: Pier, Used for picnics, Includes a Parking Lot,

Surrounding Land Use: Urban/Residential 100% ; Industrial/Commercial 25%; Beach 5%

Sampling Site: Shoreline sandy and rocky, banks altered, bulkhead with timbers, piping noted entering river (CSO sign)

Plants in area:

Water depth: 6 ft.

River Bottom –rocky

<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	19° C		
	11:25 AM	21.3° C		
Wind Speed	11:06 AM	4-7 mph	From South	
Cloud Cover	Mostly cloudy			Small waves in H2O
Weather last 3 days	Yesterday - Heavy rain throughout PM, thunderstorms, cooler. Past two days was sunny and warm			
<i>Water Temperature in 2 inches of water</i>	10:45 AM	18.8° C	11:00AM	19.2 °C
<i>Turbidity</i>	10:45 AM	6 ft.		
<i>Chlorophyll</i>	10:30 AM	0.3	10:50 AM	0.3
<i>Chemical</i>				
DO	Not read			

pH (test kit)	10:45 AM	7.4	7.4	7.6
Ammonia	10:50	0.25 ppm	0 ppm	0.25 ppm
Nitrite		0.2 ppm	0.2 pm	0.2 ppm
Nitrate		2.5 ppm	2.5 ppm	2.5 ppm
Alkalinity				
Salinity	10:42 AM		11:20	7
	21 ppt	24 ppt	24 ppt	
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>		
<i>Plankton</i>	Small shrimp	Algae	zooplankton	
<i>Other organisms</i>	Lacy red weeds	Agardh's red weed	Bushy weed	P. denudata (seaweed)
<i>Tides</i>				
	10:25 AM	7 ft. from dock	rising	
	11:35 Am	6 ft. down from dock		
<i>Currents</i>	10:30 Am	2.3 ft./sec	flooding	
<i>Other Items</i>	Small Oil slick noted	Particles in water	Garbage on beach & in water	
<i>Water Description</i>	Greenish	Salty odor		