

**Snapshot Day 10/2/07 Data**  
**(Salt Front RM 78.2)**  
**RIVER MILE East River 0.5**  
**South Street Seaport Museum**  
**Maggie Flanagan – South Street Seaport**  
**Amy Withers - PS311 Amistad – 5<sup>th</sup> grade (38 students)**  
**N40° 45.3 W74°.2**

**Location:** East River by Pier 17 Mall and museum ship

**Area:** commercial area along pier

**Surrounding Land Use:** 70% industrial/commercial; 30% historic preservation/interpretation

**Sampling Site:** Banks altered, bulkehead

**Plants:** none

**Water Depth:**

**River Bottom:**

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<b><i>Physical</i></b>				
Air Temperature	10:30 AM	68° F 20° C		
	12:35 AM	69° F 21° C		
Wind Speed		1-3 knots	From South	
Cloud Cover	Partly cloudy			
Weather yesterday	Sunny, cool, passing rain			
<b><i>Water Temperature</i></b>	10:55 AM	22°C		
	11:27 AM	22°C		
	11:52 AM	23°C		
<b><i>Water Calm</i></b>				
<b><i>Turbidity</i></b>				
<b><i>Chlorophyll</i></b>	10:30 AM	0.3	11:30 PM	0.2
<b><i>Chemical</i></b>				
DO	10:55 AM	5.0 mg/L	Temp. 22°	55 % saturated
pH (indicator solution)	11:27 AM	8	8	Average 8
Phosphate				
Nitrate				
Alkalinity	n/a			
Salinity –	11:52 AM	22 ppt		refractometer
<b><i>Fish Catch</i></b>	<b><i>Number</i></b>	<b><i>Species</i></b>		

	<i>Caught</i>			
<i>Core Sample</i>				
<i>Tides</i>				
	12:30 AM	136 cm	Rising	
<i>Currents</i>				
	Flood tide	north		
<i>Other</i>				