

**Snapshot Day 10/12/06 Data
(Salt Front RM 52.5)
RIVER MILE East River 4
Solar One**

**Sarah Manley, Solar One & Lia Tutschka, EIS
Jaclyn Augustine's Class University Neighborhood High School**



Location: FDR Dr.

Area: On the East River. Walkway along river -

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:20 AM	69.2° F 20.4° C		
	10:45 AM	69° F 21° C		
	11:15	71° F 21° C		
Wind Speed	10:20 AM	Light air	From South	
	10:45 AM	1-3 on chart	From South	
	11:15 AM	4-6 on chart	From South	
Cloud Cover	Partly cloudy			
Weather yesterday	Rainy ~ 1 inch			
<i>Water Temperature</i>	10:15 AM	19°C	10:57 AM 19°C	

<i>Turbidity</i>	10:15 AM	95 cm		
	10:55 AM	1m 80cm		
	11:28 AM	5m 35 cm		
<i>Chlorophyll</i>	10:30 AM	0.3	10:50 AM	0.3
<i>Chemical</i>				
DO	10:15 AM	4.0 mg/L	Temp. 19°	40 % saturated
	10:45 AM	4.0 mg/L	Temp. 19° C	40 % saturated
	11:20 AM	6.0 mg/L	Temp 20° C	65% saturated
pH	10:20 AM	8.0	8.0	8.0
Phosphate	10:15 AM	3 mg/L	10:45 AM	17 mg/L
Nitrate	10:30 AM	.2 mg/L	11:40 AM	.1 mg/L
Alkalinity	n/a			
Salinity	10:45 AM	17 ppt		refractometer
	11:24 AM	18 ppt		
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>		
	2	cunner		Minnow traps
<i>Core Sample</i>				Taken by Verrazano Br.
<i>Tides</i>				
	10:40 AM	111 inches	Rising	
<i>Currents</i>				
	10:11 AM	still		
	10:42 AM	ebb		
	11:14 AM	ebb		