

Snapshot Day 10/14/10 Data
(Salt Front RM 36)
RIVER MILE East RM 4W
Alex Smith, Sarah Pidgeon - SOLAR ONE
Muscota New School (4th grade) & P754 HS in the Bronx ~28 students total

Location: Solar One, The East River at 23rd St.

Area: Beach area

Surrounding Land Use: Stuyvesant Cove Park

Sampling Site: Recreational pier – rocks near the edge, banks altered

Depth: 8 feet at high tide

Plants in area: Native Plants!

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>	11:30			
Air Temperature		19°C		
Wind Speed		x		
Cloud Cover		Partially Cloudy		
Weather today		Cool and Breezy		
Weather recently	A lot of rain in the days before			
<i>Water Temperature</i>	12:22	18°C		
<i>Turbidity - meter</i>		35cm	80cm	
<i>Chlorophyll</i>				
<i>Chemical</i>				
DO (LaMotte tabs)		4ppm	18°C	45%
pH tabs		7		
Phosphate - LaMotte				
Nitrate - LaMotte		<5ppm		
Salinity (hydrometer/ refractometer)		23ppt		
<i>Tides (from dock)</i>				
<i>Coliform</i>				
<i>Boats</i>		Frequent ferries and cargo boats		