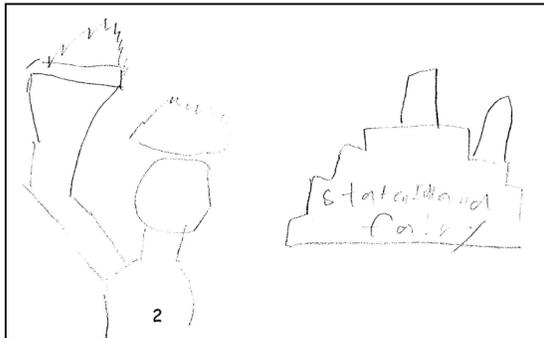


**Snapshot Day 10/8/09 Data
(Salt Front RM 60.3)**

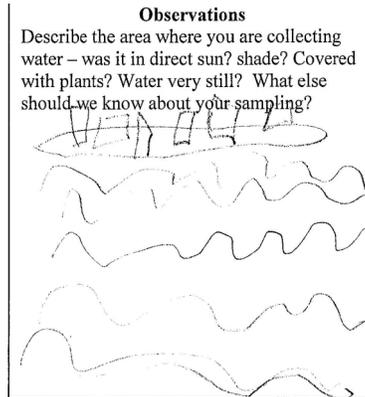
**RIVER MILE 1 –Harbor @ Statue of Liberty to East River .75 Brooklyn Bridge -
Boat Based**

**South Street Seaport Museum
Maggie Flanagan, Pioneer**

Ethical Culture School 3rd graders – 22 students



**Statue of Liberty & Staten Island
'Fairy'**



Observations
Describe the area where you are collecting water – was it in direct sun? shade? Covered with plants? Water very still? What else should we know about your sampling?

Sampling site with wind causing waves

Location: The Hudson Harbor @ the Statue of Liberty and around to the East River .75 Brooklyn Bridge

Area: The Harbor of the Hudson River

Surrounding Land Use: 95% urban/residential; 5% industrial/commercial

Water depth: 40-60 feet

River Bottom –unable to determine

Water: calm

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:45 AM	17° C		

Wind Speed	10:45 AM	Beaufort 4	West	
Cloud Cover	Some clouds	windy		
Weather yesterday	Windy, cool		Water CHOPPY!!!!	
Water Temperature	11:20 AM	15° C 17° C		Avr. 16° C.
Turbidity				
Chlorophyll	11:40 AM	0.3		
Chemical				
DO (ampules)	10:50AM	6 mg/L	Temp 17° C	63% saturated
pH – indicator solution	11:10 AM	8		
Salinity	Time	Method	Reading	
	11:25 AM	Refractometer	20 ppt 24 ppt	Avr. 22 ppt
Fish				
Tides				
Currents	10:45 - 11:30 AM	flood current observed through observations of water movement and buoy leaning, no specific measurements taken		
Traffic	11:34 AM	Paul Andrew tug/with barge	Blue	Southbound – with crushed cars
	11:30 AM	US Coast Guard	White	Southbound
	11:21 AM	Delberman (name)	Yellow & Black & Red	Northbound empty
Other	Seagulls	Staten Island Ferry		