

Snapshot Day 10/8/09 Data
(Salt Front RM 60.3)
RIVER MILE 11.5 – Fort Washington Park
Dinorah Hudson – Thurgood Marshall Academy
9th – 14-15 students
SCA Jessica Perez and Fen Huang
Latitude 40.89° N - Longitude 73.94°W



Location: Fort Washington Park just South of the George Washington Bridge
Area: Park/Boat launch, sandy beach area on the point
Surrounding Land Use: 15% forested, 85% park used for recreation & picnics
Sampling Site: Park with a lot of trees, picnic tables, covered with vegetation, riprap shore, collected wood debris.
Plants in water: <10% - a grass of some sort
Plants in area:
Water depth:
River Bottom –sandy

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11:37 AM	16°C		
Wind Speed	Beaufort 4			
Cloud Cover	clear			
Weather today	No rain – windy			
Weather last 3 days	Very windy, rainy 11/07			
Water	choppy			
<i>Water Temperature</i>	11:47 AM	13°C		
		13°C		
		13°C		
<i>Turbidity</i>				
<i>Chemical</i>				
DO				
<i>Drop count</i>				
pH	11:26 AM	8.0		Average 8.0

pH <i>Indicator solution</i>	11:26 AM	8.0 7.5 8.0		Average 8.0
<i>Phosphate</i>				
<i>Nitrates</i>	11:14 AM	1.0 ppm 1.0 ppm 1.0 ppm		
Salinity <i>hydrometer</i>	11:39 AM	11.1 ppt 11.2 ppt 11.1 ppt		
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>		
	1			
	1			
<i>Tides</i>	10:36 AM	10 cm		
	11:03 AM	20 cm	rising	
	11:46 AM	31 cm	rising	
	12:36 PM	37 cm	rising	
<i>Currents</i>	<i>CM/60 secs</i>	<i>Cm/Sec</i>	<i>North/South Ebb/Flood/Still</i>	<i>Knots</i>
<i>11:00 AM</i>	0	Still		
<i>11:50 AM</i>	0	Still		
<i>Turbidity</i>				
<i>Core Description</i>	<i>Total Length</i>	<i>Top Layer</i>	<i>Second Layer</i>	<i>Describe</i>
<i>Commercial Traffic</i>	10:55 AM	Large Boat	Southbound	Loaded/Cargo
	10:55 AM	Tug boat	Southbound	light
	11:50 AM	Sail boat	Southbound	light