

Snapshot Day 10/10/13 Data
(Salt Front RM 69.3)
RIVER MILE 11.5 – Fort Washington Park
Jenny Shao – International High School for Health Sciences
9th – 40 students and 5 adults
Latitude 40.8462385 N - Longitude -73.94624335W



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

River Bottom –sandy



Atlantic Silverside

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
Physical				
Air Temperature	10:57 AM 11:33 AM 12:37 PM 1:02 PM	20°C		
Wind Speed	10:57 AM 11:33 AM 12:37 PM 1:02 PM	Beaufort #2 Beaufort #3 Beaufort #3 Beaufort #3		
Cloud Cover	cloudy			
Weather today	Slight rain in AM			
Weather last 3 days	Rainy Monday, sunny			
Water Surface				
Water	10:57 AM	20 °C		

	12:37 PM 1:02 PM	19 °C 17 °C		
<i>Turbidity</i> <i>Site tube</i>	11:05 AM 11:11 AM 11:40 AM 12:36 PM	45.4 cm 49 cm 63 cm 51 cm		Average 52.1 cm
<i>Chemical</i>				
DO	1:00 PM	17 °C	9 ppm	93%
pH – litmus paper	11:09 AM 11:45 AM 1:00 PM 1:30 PM	8.0 8.0 8.0 7.5		
Salinity <i>Hydrometer</i>	11:05 AM 11:11 AM 11:40 AM 12:36 PM	16.5 ppt 17 ppt 14 ppt 14 ppt		15.38 ppt Avg.
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>		
<i>5 rotations</i>	28	Jellyfish - Comb Jelly		DIVERSITY 1
	2	Atlantic Silversides		TOTAL 2 + Comb Jelly
<i>Tides</i>	10:57 AM 11:33 AM 12:37 PM 1:02 PM	45 cm 52 cm 66 cm 76 cm	Set Rising Rising rising	
Core Sample	Layered	Big rocks at the bottom	Smaller rocks on top	Color dark brown