

**Snapshot Day 10/8/09 Data
(Salt Front RM 60.3)
HARLEM RIVER MILE 13**

**Sherman Cove/Swindler's Cove Park on the Harlem River
Obed Fulcar, George Washington HS, MS 319 – 7-12th graders – 6 students**



Location: Beach at Sherman Cove Park, adjacent to Swindler Cove next to the north end of Harlem River Drive, Manhattan

Surrounding Land Use: 50% urban/residential, 20% forested, 5% beach, 15% Industrial/commercial, 10% other

Sampling Site: Beach area, covered with vegetation Rip Rap used on beach, shoreline is sandy and rocky,

Plants in area: 50% of site is Phragmites

Water depth: 0.5 ft.

River Bottom: sandy & rocky bottom



<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
Wind Speed				
Cloud Cover	Partly cloudy			
Weather today	No rain			
Weather recently	Windy and rain			
<i>Water Temperature</i>	5:20PM	17°C		<i>Shady- 0.5 ft. water</i>
<i>Turbidity</i>	5:20 PM	40 JTU	short sight tube	
<i>Chlorophyll</i>				

<i>Chemical</i>				
DO (LaMotte Green force kit)	5:20 PM	6.0 ppm	17°C	63% saturated
pH – LaMotte				
Salinity - hydrometer	5:20 PM	11 ppt		
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Size</i>
	12	Mummichogs		
	12	silversides		
	6	Juvenile blue crabs		
	3	mud crabs		
	3	Fiddler crab		
	1	Juvenile American Eel		
<i>E Coli</i>	Positive Results			
<i>Core Sample Sediments</i>	<i>Whole core</i>	<i>Top layer</i>	<i>Bottom layer</i>	<i>description</i>