

**Snapshot Day 10/2/07 Data
(Salt Front RM 78.2)
HARLEM RIVER MILE 13**

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

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

Area:

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:

Water depth:

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				
Weather today				
Weather recently				
<i>Water Temperature</i> <i>Shady- 1ft. water</i>				
<i>Turbidity</i>	4:05 PM	20 JTU	With sight tube	
<i>Chlorophyll</i>	4:05 AM	0.3		
<i>Chemical</i>				
DO Calm water in shade- (LaMotte modified winkler)	4:05 PM	4.0 ppm		
pH – test strips	n/a			
Phosphate				
Nitrate	n/a			
Alkalinity				
Salinity	n/a			
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Size</i>

4:05 PM	11	Blue Crab	5male	6 female
	275	Atlantic Silversides		
	3	flounder		
	15	Striped bass		
	2	mummichog		
<i>Core Sample Sediments</i>	<i>Whole core</i>	<i>Top layer</i>	<i>Bottom layer</i>	<i>description</i>
<i>Traffic</i>				
<i>Other Items</i>	Coliform bacteria present - positive			