

**Snapshot Day 10/20/16 Data
EAST RIVER MILE 11.5
(Salt Front ~HR mile 80)
Barretto Park**

**Fatima Wilson, KIPP Academy Elementary School- Washington Heights
4th Grade Students – 90 students, and 20 adults**

Location: Barretto Point Park, Bronx, East River

Area: Picnic area, playground, beach, grass and wildlife. People use the area to fish, sit or walk on the grass. Also urban, commercial and industrial in the area.

Surrounding Land Use: Beach, grassy

Shoreline: Sandy and rocky

Plants in area: trees and grass

Bottom: I can't see the bottom

Water Surface: Calm at first and then became choppy soon after.

ITEM	Time	Reading 1	Reading 2	Comment
<i>Physical</i>				
Air Temperature	11:00 AM	69 ° F 21 ° C		
Wind Speed	11:00 AM	Beaufort 6-11 mph	West	Mostly cloudy
Weather Today	11:00 AM	cloudy		
Weather Last 3 Days	Breezy and sunny and warm			
<i>Water Temperature</i>	12:00 PM	69 ° F 21 ° C	9 ppm	95%
<i>Turbidity – secchi disk</i>	10:42 AM	36.5 cm	Water seems clean	
<i>Chemical</i>				
<i>pH</i>	10:52 AM	8.5		
<i>DO</i>	12:00 PM	69 ° F		
<i>Salinity</i>	11:40 AM	28 ppt	Brackish	
<i>Catch</i>	none			
<i>Currents</i>	10:59 AM	24 inches/30 secs	0.8 inches/sec	
			2.032 cm/sec	.04 kts
<i>Core</i>	No smell	Rocks	Gravel	Sand
<i>Observations</i>	I see ocean (East River), barges and some sand. I see trees and other live things.			