

**Day in the Life of the Hudson River 10/10/13 Data
(Salt Front RM 69.3)
Gerritsen Creek, Jamaica Bay, NY
Ranger Ricardo Amarocho, Salt Marsh Nature Center
Sydra Mallery, Brooklyn School of Inquiry
61 students, 2nd graders and 20 adult helpers**



Location: Gerritsen Creek Salt Marsh, Jamaica Bay, Brooklyn, NY

Area: Beach area along the salt marsh

Surrounding Land Use: Residential, recreational

Sampling Site: Beach along salt marsh

River Bottom: Sandy

Plants in area: Phragmites, Spartina, Goldenrod

<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	Cloud			
Weather today	Overcast	cool		
<i>Water Condition</i>				
<i>Water Temperature</i>	10:35 AM	14°C		
	11:20 AM	14°C		
	12:10 PM	18°C		
<i>Turbidity Long site tube</i>	10:35 AM	17 NTU	39 cm	Average 47 cm
	11:20 AM	13 NTU	47 cm	
	12:10 PM	10 NTU	54 cm	
<i>Chlorophyll</i>				
<i>Chemical</i>				
DO - LaMotte Estuary wide	10:35 AM	4 mg/L	14°C	35% sat.
	11:20 AM	4 mg/L		35% sat.

Marine kit	12:10 PM	4 mg/L	14°C 18°C	40% sat.
pH	10:35 AM 11:20 AM 12:10 PM	7 7 7		
Salinity – coralife hydrometer	10:35 AM 11:20 AM 12:10 PM	25 ppt 25 ppt 26 ppt		
<i>Fish Catch</i>	Total	Fish		3 seines
	2	Atlantic Silverside		Diversity 3
	20	Comb Jellies	Ctenophores	Totals 29
	7	Ghost Shrimp		