

Day in the Life of the Hudson River 10/12/17
(Salt Front ~RM 65)
RIVER MILE -8.6
Kaiser Park, Coney Island Creek, Brooklyn NY
Luis Gonzales, City Parks Foundation
Keisha Morgan-Hall, IS 96 Seth Low, 26 sixth graders, 5 adults
40°34'14" N – 73°59'01" W

Location: Kaiser Park, Coney Island Creek, Brooklyn NY

Surrounding Land Use: Forested, Grassy

Sampling Site: Beach area with banks altered

Shoreline: sandy, muddy, rocky

Plants in area: No plants in the area

River bottom: Sandy

Water: Choppy

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11:53AM 12:49 PM	20.5°C 20.9°C	°F °F	
<i>Wind Speed</i>	10:46 AM	20 mph		
Cloud Cover	10:48 AM	Mostly cloudy 51-75%	Weather Today	Light rain
Weather last 3 days	Rain yesterday and this AM			
<i>Water Temp-Surface</i>	11:08 AM	18°C 18 18	64.5°F 65 65	
<i>Turbidity</i> Short site tube	11:14 AM	0 JTU	Water very clear	
<i>Chemical</i>				
DO	11:21 AM	18°C	4 ppm	40 %
pH - meter	11:05 AM	7.5 7.9 7.2	Average	7.5
Salinity (Hydrometer)				
Nitrates	11:09 AM	2 ppm 1 ppm 5 ppm		
Phosphates	11:10 AM	1 ppm 2 ppm 1 ppm		
<i>Tides –</i>	NR			
<i>Currents</i>	NR			

<i>Fish –2 nets – a 30 ft. and 20 ft net</i>	Number	Species	Size	
<i>FISH</i>	411	Atlantic Silversides	10 cm	
	1	Bluefish	5 cm	
	2	Tomcod	<2.5 cm	
	2	Northern Kingfish	<5 cm	
	4	Bay Anchovy	2.5 cm	
<i>DIVERSITY</i>	5	TOTAL CATCH	420	
<i>Macroinvertebrates</i>	2	Longwristed Hermit Crab	1 cm	(also called long-clawed hermit crab)
	1	Grass shrimp	1.25 cm	
	32	Ctenophore	4 cm	
<i>DIVERSITY</i>	3	TOTAL CATCH	35	
<i>Core Sample –</i>	NR			
<i>Shipping -</i>	None			
<i>Other Items</i>	On the Ground: Sand, grass, trees and shell pieces. Sampling Impacts: The wind and weather may have impacted our results. Other observations: birds and dragonflies.			