

Snapshot Day 10/18/11
(Salt Front RM 35.7)
East River, Gantry Plaza at Newtown Creek
Joanne Carmignani, PS 78Q - 5th grade, 34 students
Uzma Shah, Baruch College Campus High School
12th grade, 19 students

Kim Estes-Fradis, New York City Department of Environmental Protection

Location: East River, Gantry Plaza State Park, Long Island City, Queens

Surrounding Land Use: Urban 80%; Grassy 15%; Rocky Shoreline 5%

Sampling Site: Shoreline is rocky with some plants and has piers.

Plants in area: A few trees and tall grasses.

Water depth: unknown

River Bottom: unknown

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:45 AM	25°C		
Wind Speed	10:45 AM	Beaufort 2		South
Cloud Cover	10: 45AM	Partly Cloudy		
Weather last 3 days				
<i>Water Temperature</i>	10:45 AM	20°C		
<i>Turbidity</i> Secchi Disk	10:45 AM	2.5 feet	76.2 cm	Comment: water is a little blurry
<i>Chlorophyll</i>	10:45 AM	2.5	From the chart	
<i>Chemical</i>				
DO (CHEMetrics Ampoules)	10:45 AM	20°C	8 ppm	85%
pH (test strips)	10:45 AM	7		
Salinity (Hydrometer)	10:45 AM	1.010 density	14 ppt	
<i>Tides</i>	10:45 AM	70 inches	Water height from pier to water surface	
<i>Currents</i>	10:45 AM	329 inches/43 secs	835.66 cm/43 secs	19.4 cm/sec

			0.38 kts.	<i>Flood</i>
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