

Snapshot Day 10/14/10 Data
Newtown Creek
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5th grade, 35 students
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12th grade, 19 students
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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	11:48AM	20°C		
	12:35 PM	23°C		
Wind Speed (Beaufort Chart)	11:48AM	Beaufort 1		East
	12:35 PM	Beaufort 2		East
Cloud Cover	11:48AM	Mostly Cloudy		
	12:35 PM	Mostly Cloudy		
Weather last 3 days				
<i>Water Temperature</i>	11:23AM	21°C		
	12:42 PM	18.5°C		
<i>Turbidity</i> Turbidity Long Sight Tube	11:20AM	45.4 cm	50.9 cm	Ave 48 cm
	12:42 PM	56.9 cm	46 cm	Ave 51.5 cm
<i>Chlorophyll</i>	11:32 AM	0.07		clear/green
	12:49	0.5		tan
<i>Chemical</i>				
DO (CHEMetrics Ampoules)	11:23AM	21°C	5 ppm	55%
	12:42 PM	18.5°C	7 ppm	86%
pH (test strips)	11:23AM	7		

	12:42 PM	7		
Phosphate				
Nitrite				
Nitrate				
Alkalinity				
Salinity (Hydrometer)	11:30 AM	24 ppt		
	12:50 PM	25 ppt		
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>		
<i>Other organisms</i>	Seagulls	Cormorant		
<i>Tides</i>	11:15 AM	84" from pier to water surface		
	12:42 PM	76" from pier to water surface		Flood
<i>Currents</i>	11:31 AM	3.57 inches/sec	= 0.18 knots	
	12:43 PM	12.5 inches/sec	= 0.64 knots	
<i>Other Items</i>				
<i>Water Description</i>				