

Snapshot Day 10/7/08 Data
Salt Front RM 63.4
Newtown Creek, off East River
Min Kan, New York City Department of Environmental Protection
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5th grade, 37 students



Location: Newtown Creek Nature Walk, along Newtown Creek’s Brooklyn waterfront

Area: Nature Walk for public use

Surrounding Land Use: Urban 100%; Industrial/Commercial 95%; Nature Walk 5%

Sampling Site: Nature Walk is paved with cement with sandy, gravel sections.

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	12:08 PM	68°F 20°C	68°F 20°C	
	12:34 PM	68°F 20°C	68°F 20°C	
Wind Speed (Beaufort Chart)	12:08 PM	Beaufort 2	Beaufort 1-3	West
Cloud Cover	12:08 PM	Clear		
	12:34 PM	Clear		
Weather last 3 days	Seasonally low temperatures			
<i>Water Temperature</i>	12:00 PM	59.5°F 15°C	59.5°F 15°C	59.5°F 15°C

	12:50 PM	56°F 13°C	50°F 10°C	59.5°F 15°C
<i>Turbidity</i>	12:15 PM	1.5 ft.		
<i>Secchi off Walk</i>	1:15 PM	2 ft.		
<i>Chlorophyll</i>	12:15 PM	0.1		
	1:00 PM	0.1		
<i>Chemical</i>				
DO (LaMotte Tablet Kit)	12:00 PM	15°C	8 ppm	75%
	12:50 PM	13°C avg	*4 ppm	36%
• test kit has limited range – only allows for 0, 4, and 8 ppm				
pH (paper)	1:10 AM	7.5	6.5	avg 7
Phosphate				
Nitrite				
Nitrate				
Alkalinity				
Salinity (Hydrometer)	1:10 PM	1.018	1.018	Avg. 23 ppt
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>		
<i>Other organisms</i>				
<i>Tides</i>				
<i>Currents</i>				
<i>Other Items</i>				
<i>Water Description</i>				