

**Snapshot Day 10/14/1 Data  
(Salt Front RM 36)  
RIVER MILE 30.5  
Kingsland Point Park  
Chris Adamo & Leana Pelter, Sleepy Hollow High School –  
11<sup>th</sup>/12<sup>th</sup> graders - 85 students**

**Location:** Kingsland Point Park, Sleepy Hollow, Westchester

**Area:** Waterfront beach area on front of park

**Surrounding Land Use:** Forested 75% , Beach 25%

**Sampling Site:** Beach, stone bulkhead, drain pipes in the wall

**Plants in area:** no

**Water depth:** 1-2 meters

**River Bottom** – sandy/muddy bottom

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>		<i>Comments</i>
<i>Physical</i>				
<b>Air Temperature</b>	9:00 AM	7.2°C 45 °F	11:00 AM	18.33°C 65 °F
	10:00 AM	15.55°C 60 °F		
<b>Wind Speed</b>	<b>Beaufort #</b>	<b>Knots</b>	<b>Direction</b>	
	Force #1	1-3	NW	
Cloud Cover	clear			
Weather today	dry			
Weather recently	Warm 2 days prior, rain day before, cool AMs			
<i>Water</i>	calm			
<i>Water Temperature</i>	10:00 AM	15.6°C 60° F	16.12°C 61° F	15.5°C 59.9° F
	10:15 AM	15.4°C 59.9° F	15.5°C 60° F	15.45°C 60° F
	10:45 AM	15.4°C 59.9° F	15.5°C 60° F	15.6°C 60.08° F
	11:00 AM	16.2°C 61.16° F	16.1°C 61° F	16.0°C 60.8° F
<i>Turbidity - secchi</i>	11:00 AM	1.5 ft 45.72 cm		
<i>Seining</i>	5 ft. net	No catch		
<i>Chlorophyll</i>				
<i>Chemical</i>				
DO - drop count	10:35 AM	8.9 mg/L	18°C	90%
pH - meter	11:00 AM	6.75	6.4	6.7

<b><i>Salinity - refractometer</i></b>	10:00 Am	7 ppt 8 ppt 9 ppt	8.5 ppt avg* There must have been a error with this as the water was nearly fresh in this part of the river	
<b><i>Tides</i></b>	<b><i>Time</i></b>	<b><i>Tide Stick</i></b>		
<b><i>Currents</i></b>				
<b><i>Traffic</i></b>				
<b><i>Journal</i></b>				