

**Day in the Life of the Hudson River 10/4/12 Data  
Canarsie Pier, Jamaica Bay, Brooklyn, NY**



**Adam Lammers, International High School at Prospect Heights  
9<sup>th</sup>-10<sup>th</sup> graders – 170 students  
3 NYSDEC SCA member assistants  
GPS Latitude N 40.37'49.0" - W-73.53'00.98"**



**Salt loving Male Striped Killifish with characteristic dark vertical bars, and larger body size than the banded killifish.**



**Location:** Beach at Canarsie Pier, Jamaica Bay  
**Area:** beach area along the bay  
**Surrounding Land Use:** Beach – 50%; Urban/residential 50%  
**Sampling Site:** beach  
**Shoreline:** beach and pier  
**Plants in area:** No plants in water  
**Water depth:**  
**River Bottom :** sandy

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	12:00 PM	70 F		

Wind Speed	Beaufort Force	1		
Cloud Cover	Partly cloudy			
Weather today				
Weather recently				
<i>Water Temperature</i>	12:00 PM	71 F		
<i>Water calm</i>	yes			
<i>Turbidity – long sight tube</i>	11:30 AM	28 cm 27.1 cm 54.63 cm		Average 36.58 cm
<i>pH –Litmus Test</i>	1:00 AM	6 5.6 6		Average 5.87
Salinity – hydrometer	12:30 AM	23 ppt	Total Salinity	
<i>Fish Catch</i> 93 inch. seine net		<i>Species</i>	<i>Number Caught</i>	
11:30 AM		Comb Jelly	20	<b>Diversity 7</b>
		Striped Killifish	19	<b>Total Catch 190</b>
		Atlantic Silverside	71	
		Crab	16	
		Winter Flounder	1	
		Glass Shrimp	3	
		Hermit Crab	60	
<i>Other Items</i>				
<i>Core</i>				