


Snapshot Day **10/24/14** Data
(Salt Front RM 65.3)
RM -2 , Valentino Pier

Theresa Geelhoed and Erin Maquire, NYS SCA members
Barbara Taragab, Elissa Eisenberg, Chris Doyle The Brooklyn New School PS 146
4th graders – 32 students, Adults 10
GPS Latitude N : 40°40'42. 10" - W-74°01'06.07



River Bottom : rocky near the little beach area
More sketches at the end of this document.

Location: Valentino Pier,
Redhook, Brooklyn, NY
Area: A large pile of rocks
with a small rocky “beach”;
area with large pier;
Surrounding Land Use:
Beach – 5%;
Urban/residential 5%;
Industrial/Commercial 90%;
- surrounding area landscaped
with sea grasses. It is used as
a dog walk although signs
prohibit that use. Fishing was
happening at end of the pier.
Sampling Site: beach
Shoreline: Pier, riprap

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	9:30 AM	10°C		<p>Nearby flags on pole became</p>  <p>our Beaufort Scale</p>
	10:30 AM	15°C		
Wind Speed	9:30 AM	Beaufort Force #5	Used flag for Beaufort	
Cloud Cover	clear			
Weather today	No rain			
Weather recently	Cool weather. Rain on 10/21.			
<i>Water Temperature</i>	9:30 AM	15°C 14 15		Average 14.66°C
	10:00 AM	15°C 15 15		15°C
	10:30 AM	15°C 15 15		15°C
<i>Water calm</i>	yes			
<i>Turbidity – short sight tube</i>	9:30 – 10:30 AM	40 JTU 40 40		40 cm
<i>Chemical</i>				
DO ampules	9:30 to 10:30 AM	8mg/L	15°C	78%
<i>pH – indicator solution with LaMott testabs</i>	9:30 to 10:30 AM	7		7
Salinity – refractometer	9:30 to 10:30 AM	28 ppt 28ppt 25 ppt		27 ppt
<i>Fish Catch</i> 14 ft..seine net, mesh size ¼ inch	<i>Number Caught</i>	<i>Species</i>	<i>Length of largest</i>	<i>Catch Totals</i>
9:05 AM	4	Atlantic Silversides	5 inch	Diversity 2 Total Catch 5
	1	Striped Bass	3.5 inch	
9:20 AM	54	Atlantic	3.5 inch	Diversity 1

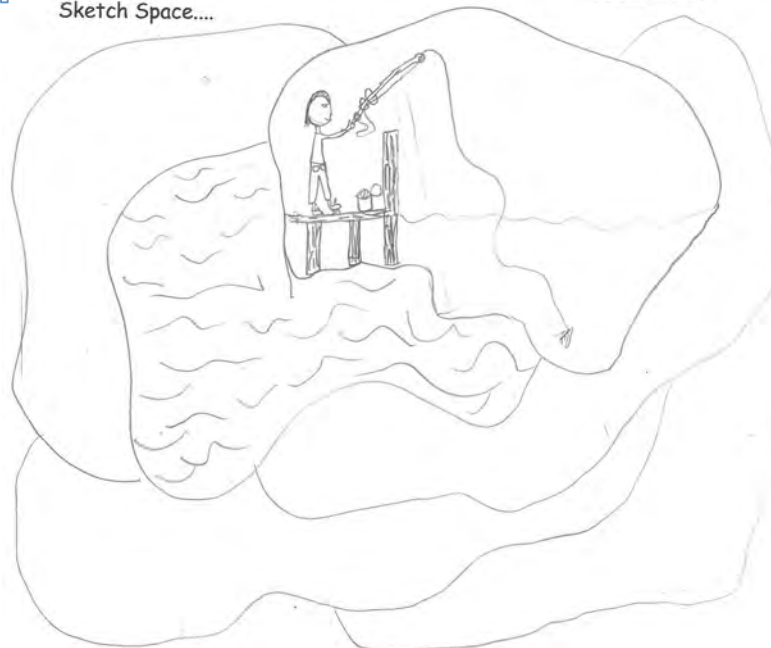
		Silversides		Total Catch 54
Session Totals	Diversity-2	Total Catch - 59		
Tides	HT from charts 8:50 AM			
Currents	9:00-10:30 AM	South*	*used white daisies off the south side of the pier	
Journal Entry from student	I wonder why people make so many bridges. It just means more cars to cross them. Just use boats. And why water abuse? Like pollution. Pollution is bullying to water! ... I think bullying is the reason the water sent a fight over called the famous Sandy! We're so mean!"			

Please

see more of our journal entries and drawings below!

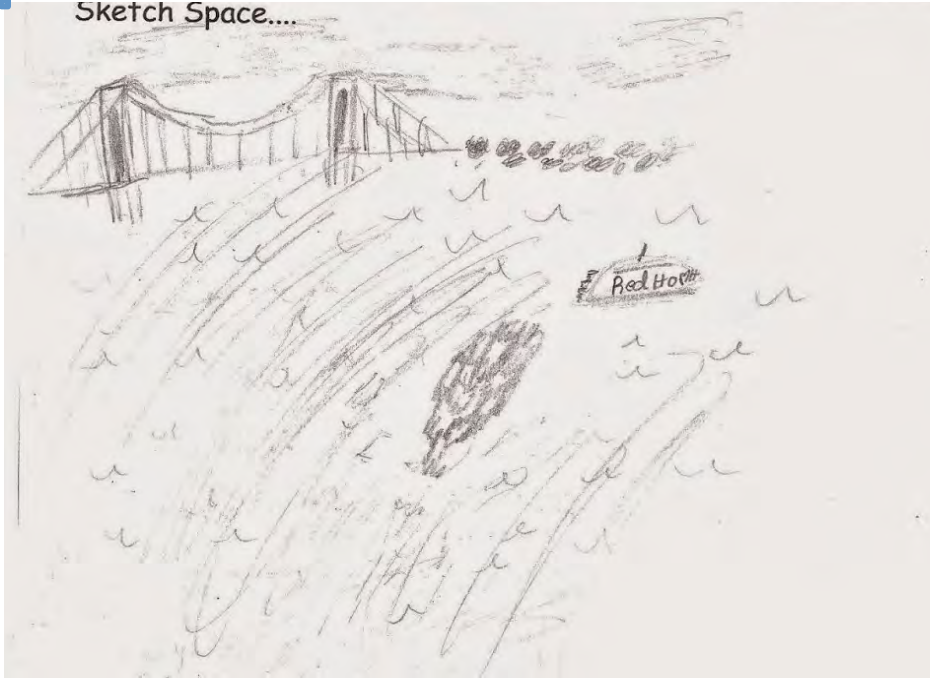


Sketch Space....



Lots of people fishing, lots of cruises, lots of litter, big waves & small waves, lost of small fish, some big-ish fish, Verrazano Bridge

Sketch Space....



Sketch Space....



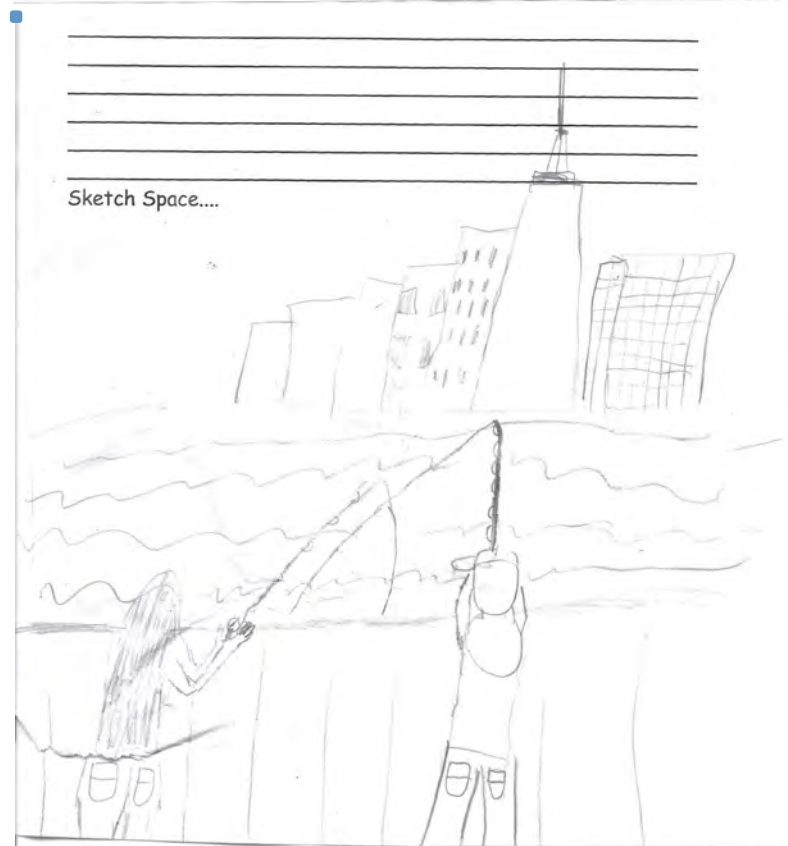
We see buildings and fishermen.



Lots of people fishing, bridge



There's a lot of boats and the water is very choppy. I think I counted like more than 30 cars! Just wow!



Other Observations, Thoughts, Questions

I wonder why people make so many bridges. It just means more cars to go across them. Just use boats! And why water abuse? Like pollution. Pollution is bullying to water! It's like what Tanya has been telling us in health. It's unhealthy to bully water. We should both have equal rights! I think bullying is the reason the water sent a fight over called famous Sandy! We're so mean! Well, not me!

Sketch Space....

