

**Snapshot Day 10/7/008 Data
(Salt Front RM 63.4)
RIVER MILE 2.5
Christopher Street Pier (#45)**

Amy Landau – The Calhoun School – 4th grade - 20

Location: Christopher Street Pier on the North side

Area: Pier – bulkhead – mainly metal and wooden pier

Surrounding Land Use: Buildings, roads, cement, docks and parking lots nearby, very little tree or grass cover

Sampling Site: Recreational pier

Plants in area: Some trees & grass in the area

Water: Water not smooth, very choppy with lots of waves – up close the water looks green, but from far away it looks blue.

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:34 AM	12°C		
Wind Speed	Very windy		LOTS OF WAVES	Water is very choppy
Cloud Cover	clear			
Weather today	“freezing cold”/cool; It is cold!			
Weather recently	Cooler than normal			
<i>Water Temperature</i>	10:34 AM	16 °C Water feels cool	Hand outside water feels freezing – air colder than water!	
<i>Turbidity</i>	12:10 PM	88cm		Site tube
<i>Chemical</i>				
DO	10:05 AM	8 mg/L	16 ° C	73% saturated
pH	9:53 AM	6.5		Neutral
	10:34 AM	6.5		
Salinity (hydrometer)	10:05 AM	1.01		14.8 ppt
	10:34 AM	1.01		14.4 ppt
<i>Fish Catch</i>				
<i>Tides</i>				
<i>Currents</i>	There are many tides*		*expect this is a misconception that tides = waves	
<i>Boats</i>				
	Barges			
	Sail Boat/Queen Caroline			
<i>Other Observations</i>	Lots of seagulls	If you are closer to the water it looks green, from far away it looks blue.		