

**Snapshot Day 10/2/07 Data  
(Salt Front RM 78.2)  
RIVER MILE 2.5**

**Christopher Street Pier (#45)**

**Amy Landau – The Calhoun School – 4<sup>th</sup> grade - 45**

**Location:** Christopher Street Pier on the North side

**Area:** Pier – bulkhead – mainly metal and wooden pier

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

**Sampling Site:** Recreational pier

**Plants in area:** None

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:00 AM	26°C		
	10:30 AM	25°C		
	10:45 AM	30°C		
	11:00 AM	24°C		
Wind Speed	breezy			
Cloud Cover	Partly cloudy	Looks as if it might rain		
Weather today	Breezy, crisp but warm			
Weather recently	no rain, no wind, relatively warm			
<i>Water Temperature</i>				
	10:00 AM	20 °C		
	10:30 AM	20 °C		
	10:45 AM	21 °C		
	11:00 AM	21 °C		
<i>Turbidity</i>				
	10:00 AM	> 60 cm		
	10:30 AM	> 60 cm		
	10:45 AM	> 60 cm		
	11:00 AM	> 60 cm		
<i>Chemical</i>				
DO	10:00 AM	5 mg/L	20 ° C	54% saturated
	10:30 AM	6 mg/l	20 ° C	65%
	10:45 AM	5 mg/l	20 ° C	54%
	11:00 AM	7 mg/l	20 ° C	73%
pH	10:00 AM	7.5	7.5	7.25 avg.
	10:30 AM	7.0		
	10:45 AM	7.5		
	11:00 AM	7.0		
Phosphate	n/a			

Nitrate				
Alkalinity				
Salinity (hydrometer)	10:00 AM	1.015	20°C	20.6 ppt
	10:30 AM	1.020	20°C	27.2 ppt
	10:45 AM	Not recorded	21°C	20.1 ppt
	11:00 AM	1.020	21°C	27.4 ppt
<b><i>Fish Catch</i></b>				
<b><i>Tides</i></b>				
<b><i>Currents</i></b>				
<b><i>Boats</i></b>				
<b><i>Other Observations</i></b>	butterfly	seagulls		