

Day in the Life of the Hudson River 10/4/12 Data
RIVER MILE 2.5
Hudson River Pier #45 - Christopher Street
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Edward B. Shallow School – 7th grade technology class - 20 students

Location: Christopher Street Pier West end closest to the roadway on the South 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	10:40 AM	20°C		
	10:50 AM	20		
	11:00 AM	20		
	11:10 AM	21		
	11:20 AM	21		
Wind Speed				
Cloud Cover	cloudy			
Weather today	Humid and wet			
Weather recently	rain, humid			
<i>Water Temperature</i>	10:40 AM	19°C		
	10:50 AM	20		
	11:00 AM	19		
	11:10 AM	19.5		
	11:20 AM	19		
<i>Turbidity – long tube</i>	10:40 AM	54.5		
	10:50 AM	56		
	11:00 AM	58		
	11:10 AM	60		
	11:20 AM	59.1		
<i>Chemical</i>				
DO (ampules - chemettes)	10:40 AM	6.0 mg/L		
	10:50 AM	5.0		
	11:00 AM	5.0		
	11:10 AM	6.0		
	11:20 AM	6.0		
pH – litmus paper	10:40 AM	7	Wide range solution	7.5
	10:50 AM	7.5		7.3
	11:00 AM	7.3		7.3
	11:10 AM	7.5		8.5
	11:20 AM	7		7
Salinity	10:40 AM	25 ppt		

(hydrometer)	10:50 AM	18.5		
	11:00 AM	18		
	11:10 AM	18		
	11:20 AM	18		