

Day in the Life of the Hudson River 10/20/15 Data

RIVER MILE 2.5

Hudson River Pier #45 - Christopher Street

Tania Goicoechea & Mary Leou

Wallerstein Collaborative for Urban Environmental Education/NYU (6 Adults)

Diana Halvey and JHS 227 Edward B. Shallow School (30) 7th grade students

40°43'59.6"N and 74°00'43.3"W

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: 50% Urban/residential and 50% Industrial/Commercial - 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	Not recorded			
Wind Speed	Windy - blustery			
Cloud Cover	Cloudy in AM			
Weather today	Rainy in the AM, some sun in the PM			
Weather recently	Humid some rain			
Water description	Choppy			
<i>Water Temperature</i>	11:22 AM 11:39 AM 11:50 AM	15°C 17.5°C 18°C		
<i>Turbidity – 60 cm site tube</i>	11:22 AM 11:39 AM 11:50 AM	55 cm 56 cm 55cm	Average 55.5 cm	
<i>Chemical</i>	Time	DO	Temp	% Sat
DO (drop count kit)	12:30 PM	6 mg/L	13 C	55%
pH – litmus paper	11:22 AM 11:39 AM 11:50 AM 12:05 PM	7.5 7.5 7.5 7.5		
Salinity	Time	Hydrometer		Average
	11:22 AM 11:39 AM 11:50 AM 12:03 PM	14 ppt 14 ppt 16 ppt 14 ppt		
Tides				
Other				