

**A Day in the Life of the Hudson River 10/8/2009 data**  
**East River; Pier 16 South Street Seaport**  
**Christine Modica & Gene Carlucci, South Street Seaport Museum**  
**Elizabeth Barbaro, Teacher Public School 3**  
**30, 4<sup>rd</sup> grade students from Public School 3**



**Location:** South Street Seaport, Pier 16

**Area:** East River; Pier 16

**Surrounding Land Use:** Museum, Pier for boat access

ITEM	TIME	Reading	Comments
<i>Physical</i>			
Air Temperature	10:00 AM	14°C/ 57°F	
Cloud Cover		Clear	
Weather Today		Clear and Cool	
Precipitation today		None	
Weather Recently		Mostly sunny and Windy	
Water Temperature	10:30 AM	18° C / 64° F	
<i>Chemical</i>			<i>Tool Used</i>

Salinity	11:00 AM	1.018 sp/gr. And 24 ppt salinity	Refractometer
pH		7.5 (basic)	Color Match Test Kit
DO (Dissolved Oxygen)	Water temp, 18°C	6 ppm - 60% saturation	Ampule Measuring ppm
Chlorophyll	11:30 AM	0.5	