

**A Day in the Life of the Hudson River 10/16/14 data
 (Hudson River Salt Front RM 65.9)
 East River; Pier 16 South Street Seaport - PM group
 Carrie Vaughn & the Blue School,
 Maggie Flanagan, South Street Seaport Museum
 12 – 2nd graders, 3 adults**



Location: South Street Seaport, Pier 16
Area: East River; Pier 16
Surrounding Land Use: Museum, Pier for boat access, 30% Urban/residential and 70% industrial/commercial
Shoreline: Pier, large docking with concrete and wood surface, piping entering river
Plants in water: None
Bottom: Rocky shoreline
Water: Choppy

ITEM	TIME	Reading	Comments
<i>Physical</i>			
Air Temperature	n/r		
Cloud Cover	1:00 PM	Partly cloudy	
Weather Today	Overcast and heavy rain in the morning broke for partly sunny skies at the sampling time in the early afternoon.		
Weather Recently	1:30 PM	Partly cloudy	Partly sunny

Wind	1:30 PM	Beaufort Force #2	Southerly wind
Water Temperature	n/r		
Water Surface	Choppy		
Turbidity – long tube	n/r		
<i>Chemical</i>			
Salinity	12:45 PM	25 ppt salinity	Plastic Hydrometer
pH - Color Match Test Kit	n/r		
DO (Dissolved Oxygen)-ampules	1:30 PM	5.ppm - % saturation	
<i>Tides</i>	1:00 PM	flood	
<i>Currents –</i>	1:00 PM	flood	
<i>Shipping</i>	1:00 PM	5 Ferries	
	1:00 PM	1 Tour boat	