

**Day in the Life of the Hudson River 10/16/18 Data
PIER I, 59TH STREET, MANHATTAN
RIVER MILE: 6.8**

Salt Front: ~RM 24 (Between Piermont & Dobbs Ferry)

Mott Hall Charter School- Christie Kim

90 students 8th grade, 10 adults

GLOBE- City College of New York

Latitude 40.780325 N & Longitude - 73.988589 W



Location: Pier I, 59th Street, Manhattan, NY

Area: Restored former railroad pier.

Surrounding Land Use: 100% Urban/Residential

Sampling Site: Sampling took place on Pier I

Shoreline: Tiny beach area, shore with bulkhead, riprap, covered with vegetation, old railroad pilings

Water: ~ 6 meters

Plants in area: no plants in the water area, but lots of plants on shore

River Bottom: Sandy

Sample Time: 10:00 AM- 12:00 PM

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Water Temperature</i>	10-12 PM	Avg: 14.47 °C		
<i>Turbidity - long site tube</i>	10-12 PM	Avg: 19.32 cm		
Chemical				
<i>Salinity- glass hydrometer</i>	<i>Time</i>	<i>Density</i>	<i>Total Salinity</i>	
	10-12 PM	Avg: 1.04	Avg: 5.8 ppt	
<i>DO – meter</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>Comments</i>
	10-12 PM			<i>Meter was broken</i>
<i>pH –</i>	10-12 PM	Avg: 7.77		