

Day in the Life of the Hudson River 10/13/22
Christopher Street Pier, Manhattan, NYC
RIVER MILE: 3.2
Salt Front: ~ RM 76
NYC Soil & Water Conservation District/PS3– Shino Tanikawa
55 2nd grade students & 21 adults
Latitude 40.73315 N & Longitude – 74.01369 W

Location: Christopher St. Pier, Manhattan, NYC

Area: At the foot of the pier near the former NYC water taxi boarding ramp on the south side of the pier.

Surrounding Land Use: 100% Hudson River Park with walkway and small grassy area. 100%

Commercial/Urban

Sampling Site: Pier, grassy, concrete bulkhead

Water: Calm

Plants in area: No plants in the water

*NR = Not read/recorded

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature-</i>	11:20 AM	20°C	68°F	
<i>Wind Speed:</i>	12:30 PM	<i>Anemometer</i> 5.6 knots	<i>Beaufort</i> 2	<i>Direction</i> S/SE
<i>Weather today</i>	11:30 AM	>75% cloud cover	No Rain	
<i>Weather the past 3 days:</i>	NR			
<i>Tides- NR</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>		<i>Water Height (cm)</i>
<i>Current- NR</i>	<i>Time</i>	<i>Cm/sec</i>	<i>Knots</i>	<i>North/South</i>
				<i>Ebb/Flood/Still</i>
<i>Water Temperature-</i>	11: 25 AM	17°C	62.6°F	
<i>Turbidity- NR</i>				
Chemical				
<i>Salinity-Hydrometer</i>	11:30 AM	23.8 ppt		
<i>Standardized Salinity – Refractometer</i>	12:00 PM	22,000 ppm		
<i>DO – Drop Count Kit</i>	<i>Time</i> 11:45 AM	<i>Temp</i> 17°C	<i>ppm DO</i> 6.5 ppm	<i>% saturation</i> 77.7%
<i>pH – Test Strips</i>	11:35 AM	7.0		
<i>Nitrates- NR</i>				
<i>Phosphates- NR</i>				
<i>Alkalinity- NR</i>				
Biological-				
<i>Fish – Did not fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
Fish Totals	TOTAL:0	Diversity: 0		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
Macroinvertebrate Totals	TOTAL: 0	Diversity:0		
Sediment Core - N/A				

Length	H2S smell	Oxid Top	Oil	Grain Size	Other Features
<i>Boats-NR</i>					
	Time	Name	Color	North/Southbound	Light/Loaded