

**Day in the Life of the Hudson River 10/22/20**  
**HUDSON RIVER PARK PIER 45, MANHATTAN**  
**RIVER MILE: 3.2**

*Salt Front: ~ RM 75*

NYC Soil and Water Conservation District – Shino Tanikawa, 2 participants

**Latitude 40.73315 N & Longitude – 74.01369 W**

**Location:** Hudson River Park, Pier 45, Manhattan, NY

**Area:** Christopher Street Pier at the southside end of the pier where the “gazebo” is at the foot of the pier.

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

**Sampling Site:** Recreational Pier

**Shoreline:** Banks, altered with bulkhead, mainly metal and wooden pier

**River Bottom:** Muddy

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<b>Physical</b>				
<i>Air Temperature</i>	11:00 AM	19.5 ° C	67.1 ° F	
<i>Wind Speed:</i>	9:43 AM	6 knots		
<i>Weather today</i>	No rain			
<i>Weather past 3 days:</i>				
<i>Tides-</i>	<i>Low Tide</i>	<i>High Tide</i>	<i>Time of Sampling</i>	<i>Tide</i>
	7:23 AM	1:43 PM		
<i>Current-</i>	<i>Time</i>	<i>cm/second, Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
	NR			
<i>Water Temperature-</i>	11:00 AM	16.6 ° C	62 ° F	
<i>Turbidity-</i>	NR			
<b>Chemical</b>				
<i>Salinity- Hydrometer</i>	11:15 AM	19 ppt		
<i>DO – LaMotte Drop</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	11:50 AM	16.6 ° C	5.4 ppm	53
<i>pH – Color Match Kit</i>	11:40 AM	7.5		
<b>Biological</b>				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
<b>Fish Totals</b>	<b>TOTAL:</b>	<b>Diversity:</b>		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
<b>Macroinvertebrate Totals</b>	<b>TOTAL:</b>	<b>Diversity:</b>		
<i>Sediment Core</i>	<i>Time</i>	<i>Oxidized Top</i>	<i>Grain Size</i>	<i>Other Features</i>
NR				
<b>Boats</b>	<b>Time</b>	<b>Name/Color</b>	<b>North/South</b>	<b>Loaded/Light</b>
NR				
<b>Observations</b>				