

**Day in the Life of the Hudson River 10/22/19**  
**HUDSON RIVER PARK PIER 96, MANHATTAN**  
**RIVER MILE: 6.1**  
*Salt Front: ~ RM 53*  
**Mott Hall Charter School – Christie Kim**  
**100 students 8<sup>th</sup> grade, 10 adults**  
**Latitude 40.769742 N & Longitude – 73.99616 W**



**Location:** Hudson River Park, Pier 96, Hell's Kitchen, Manhattan, NY  
**Area:** Pier off of W 56<sup>th</sup> street  
**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 pier  
**River Bottom:** Muddy

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<i>Physical</i>				
<i>Air Temperature</i>	NR			
<i>Wind Speed:</i>	NR			
<i>Weather today</i>	NR			
<i>Weather past 3 days:</i>	NR			
<i>Tides-</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>	<i>Height (in)</i>	<i>Rate of Tidal Change (cm/min)</i>
	NR			
<i>Current-</i>	<i>Time</i>	<i>cm/second</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
	NR			
<i>Water Temperature-</i>	10AM-1PM	69 samples completed	<b>Avg:</b> 16.79 °C	
<i>Turbidity- long sight tube</i>	10AM-1PM	68 samples completed	<b>Avg:</b> 61.5 cm	
<i>Chemical</i>				
<i>Salinity-</i>	NA			
<i>DO –</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	NR			
<i>pH –</i>	10AM-1PM	67 samples completed	<b>Avg:</b> 7.21	
<i>Biological</i>				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
DO NOT FISH				
<b>Fish Totals</b>	<b>TOTAL:</b>	<b>Diversity:</b>		

<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
DO NOT FISH				
<b>Macroinvertebrate Totals</b>	<b>TOTAL:</b>	<b>Diversity:</b>		
<i>Sediment Core</i>	<i>Time</i>	<i>Oxid Top</i>	<i>Grain Size</i>	<i>Other Features</i>
DO NOT CORE				
<b>Boats</b>	<b>Time</b>	<b>Name/Color</b>	<b>North/South</b>	<b>Loaded/Light</b>
	NR			
<b>Observations</b>				