

Day in the Life of the Hudson River 10/22/19
HUDSON RIVER PARK PIER 45, MANHATTAN
RIVER MILE: 3.2

Salt Front: ~ RM 53

75 Morton Middle School (MS297)- Danielle and Sam
20 students 6th grade, 3 adults

NYC Soil & Water Conservation District- Shino Tanikawa
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.

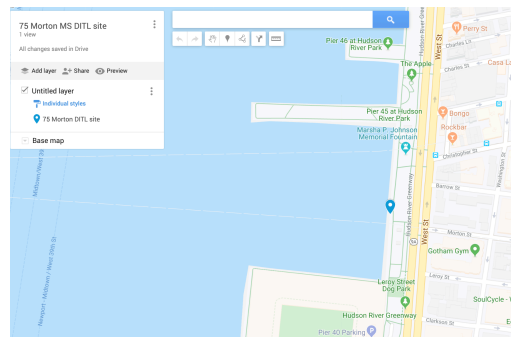
Surrounding Land Use: 100% Hudson River Park with walkway and small grassy area. 100% Commercial/Urban

Sampling Site: Recreational Pier

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

Water:

River Bottom: Muddy



<i>ITEM</i>	<i>Time</i>	<i>Reading</i>	<i>Comments</i>	
Physical				
<i>Air Temperature</i>	1:04 PM	18 °C		
	1:19 PM	16.5 °C		
	1:19 PM	16.5 °C		
<i>Wind Speed:</i>	NR			
<i>Weather today</i>	NR			
<i>Weather the 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>	1:04 PM	16.5 °C		
	1:19 PM	20 °C		
	1:19 PM	20 °C		
<i>Turbidity-</i>	NA			
Chemical				
<i>Salinity- Hydrometer</i>	1:04 PM	13,100 ppm		
	1:04 PM	13,100 ppm		
	1:15 PM	13,100 ppm		
<i>DO – CheMets</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	1:18 PM	16.5 °C	11	
	1:31 PM	20 °C	8	
	1:31 PM	20 °C	8	
<i>pH – ColorpHast Strips</i>	1:12 PM	7.5		
	1:12 PM	7.5		
	1:23 PM	7.25		
Biological				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
NA do not fish				
Fish Totals	TOTAL:	Diversity:		

<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
NA				
Macroinvertebrate Totals	TOTAL:	Diversity:		
<i>Sediment Core</i>	<i>Time</i>	<i>Oxid Top</i>	<i>Grain Size</i>	<i>Other Features</i>
	NA			
Boats	Time	Name/Color	North/South	Loaded/Light
	NR			
Observations				