

Day in the Life of the Hudson River 10/14/21

Hudson River Park Pier45, Manhattan

RIVER MILE: 3.2

Salt Front: ~ 49

Shino Tanikawa & NYC Soil & Water Conservation District

1 adult

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

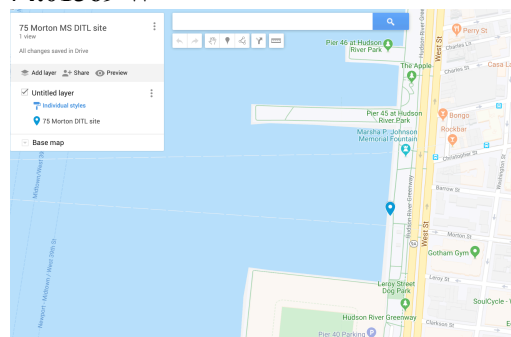
Sampling Site: Recreational Pier

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

Water:

River Bottom: Muddy

*NR = Not read/recorded



<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<i>Physical</i>				
<i>Air Temperature</i>	10:40 AM	22.5 ° C	72.5 ° F	
<i>Wind Speed: NR</i>		<i>Anemometer</i>	<i>Beaufort</i>	<i>Direction</i>
<i>Weather today</i>	10:30 AM	<25% cloud cover	No Rain	
<i>Weather the past 3 days:</i>	No Rain			
<i>Tides- NR</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>	<i>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>	10:40 AM	20.016° C	68° F	
<i>Turbidity- NR</i>				
<i>Chemical</i>				
<i>Salinity- Hydrometer</i>	10:35 AM	15.3 ppt		
<i>Standardized Salinity – Refractometer</i>	10:45 AM	13 ppt		
<i>DO –Lamotte Drop Count Kit</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	10:45 AM	20. ° C	5 ppm	NR
<i>pH – color match kit</i>	10:38 AM	7		
<i>Nitrates- NR</i>				
<i>Phosphates-NR</i>				
<i>Biological</i>				
<i>Fish - Did not Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
<i>Fish Totals</i>	TOTAL:	Diversity:		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
<i>Macroinvertebrate</i>	TOTAL:	Diversity:		

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