

Day in the Life of the Hudson River 10/05/2023

Hudson River Park Pier 84, Manhattan, NYC

RIVER MILE: 5.6

Salt Front: ~ RM 52

Hudson River Park's River Project-Toland Kister - 2 adults

Latitude 40.764608°N & Longitude -74.000069°W

Location: Hudson River Park Pier 84, Manhattan, NYC

Surrounding Land Use: Park with a mix of grass lawn and concrete surfaces (bulkhead), 60% Urban/Residential, 40% Industrial/Commercial

Sampling Site: Recreational Pier, Concrete Bulkhead

Shoreline: NR

Water: Choppy

River Bottom: Muddy, 400-600 cm deep

Plants in the water: 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>	1:30 PM	23° C		73° F		
<i>Wind Speed:</i>		<i>Anemometer</i>	<i>Beaufort</i>		<i>Direction</i>	
	1:35 PM	10 knots	3		Northwest	
<i>Weather today</i>	1:30 PM	<25% Cloud Cover		No Rain		
<i>Weather the past 3 days:</i>	Clear					
<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/Slack</i>	
<i>Water Temperature-</i>	1:40 PM	22°C		71.6°F		
<i>Turbidity- Long Sight Tube (120 cm)</i>	1:45 PM	60 cm				
Chemical						
<i>Partner Salinity- Hydrometer</i>	1:40 PM	12,000 ppm		12 ppt		
<i>DO – Lamotte Drop Count Kit</i>	<i>Time</i>	<i>Temp</i>		<i>ppm DO</i>	<i>% saturation</i>	
	2:00 PM	22°C		5.9 ppm	65%	
<i>pH – NR</i>						
Biological- Did not fish						
<i>Fish</i>	<i>Number</i>	<i>Name</i>		<i>Length of longest</i>	<i>Notes</i>	
Fish Totals	TOTAL:	Diversity:				
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>		<i>Length of longest</i>		
Macroinvertebrate Totals	TOTAL:	Diversity:				
<i>Sediment Core -Not a site that can core</i>	<i>Time</i>	<i>Oxid Top</i>	<i>H₂S Smell</i>	<i>Oil</i>	<i>Grain Size</i>	<i>Other Features</i>

Boats-NR					
Commercial/Recreational	Time	Name	Color	Southbound/Northbound	Light/Loaded