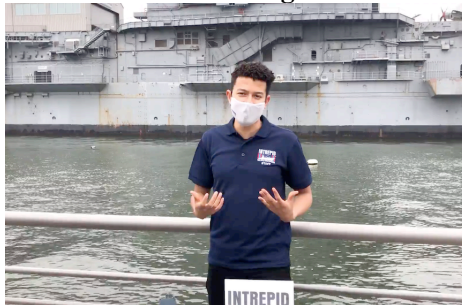


Day in the Life of the Hudson River 10/22/20
HUDSON RIVER PARK PIER 84, MANHATTAN
RIVER MILE: 5.6
Salt Front: ~ RM 75
Hudson River Park – Toland Kister, 6 participants
Latitude 40.76392 N & Longitude – 74.00132 W



Location: Hudson River Park, Pier 84, Manhattan, NY

Area: Pier, bulkhead, mainly concrete and wood, grass on the pier.

Surrounding Land Use: 60% Urban/Residential, 40% Industrial/Commercial

Sampling Site: An educational/recreational pier used for picnics, boating, jogging, fishing. Concrete bulkhead, rocks near the edge, banks altered, all hard edged, pipe entering the water.

Shoreline: Concrete bulkhead- all hard edged Water: 609.6 cm

River Bottom: Muddy, sandy, rocky

Plants in water: No plants in water area

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature</i>	2:00 PM	20.6 ° C	69 ° F	
<i>Wind Speed:</i>	2:00 PM	3 knot	North	
<i>Weather today</i>	No Rain			
<i>Weather past 3 days:</i>	Temperature varied 59-69, foggy and rainy			
<i>Tides-</i>	<i>Low Tide</i>	<i>High Tide</i>	<i>Time of Sampling</i>	<i>Tide</i>
	8:18 AM	1:43 PM	2:00 PM	Ebb
<i>Current-</i>	<i>Time</i>	<i>cm/second, Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
<i>Water Temperature-</i>	2:07 PM	17.6 ° C	63.6 ° F	
<i>Turbidity- HRECOS</i>	2:00 PM	7.6 FNU		
Chemical				
<i>Salinity- Refractometer</i>	2:09 PM	16.3 ppt		
<i>DO – HRECOS</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	2:00 PM	17.6 ° C	6.9 ppm	77
<i>pH – HRECOS</i>	2:00 PM	7.8		
Biological				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
	Did not fish			
Fish Totals	TOTAL:	Diversity:		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
Macroinvertebrate Totals	TOTAL:	Diversity:		
<i>Sediment Core</i>	<i>Time</i>	<i>Oxidized Top</i>	<i>Grain Size</i>	<i>Other Features</i>
NR				
Boats	Time	Name/Color	North/South	Loaded/Light
NR				
Observations				