

Day in the Life of the Hudson River 10/05/2023
Andrew Haskell Green Park, East River FDR N by 62nd Street, Manhattan, NY
EAST RIVER MILE: 6

Salt Front: ~ 52

Manhattan International High School-Athena Theodoris
88 students, 12th grade, 8 adults
Latitude N & Longitude -W



Location: John Finley Walk, Andrew Haskell Green Park, East River FDR N by 62nd Street, Manhattan, NY

Surrounding Land Use: 100% Urban/Residential

Sampling Site: Banks altered, wooden bulkhead, concrete

Shoreline: 60% Muddy

Water: 136 cm deep, Choppy

River Bottom: Muddy

Plants in the water: NR

*NR = Not read/recorded

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<i>Physical</i>				
<i>Air Temperature</i>	10:54 AM	22°C	72°F	
<i>Wind Speed:</i>	11:00 AM 1:01 PM	<i>Anemometer</i> 3 mph 6 mph	<i>Beaufort</i>	<i>Direction</i> South/Southeast South/Southeast
<i>Weather today</i>	10:54 AM	<25% Cloud Cover	No Rain	
<i>Weather the past 3 days:</i>	Warm Temperatures			
<i>Tides- Tide Chart</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>		<i>Height (ft)</i>
	12:12 PM	Rising		3.5 ft HT @ 3:07 PM LT @ 8:14 AM
<i>Current-</i>	<i>Time</i>	<i>Cm/sec</i>	<i>Knots</i>	<i>North/South</i> <i>Ebb/Flood/Slack</i>
		89.6 85	1.74 1.65	
<i>Water Temperature-</i>	11:15 AM	20.1 °C	68.7°F	
<i>Turbidity- Long Sight Tube (120 cm)</i>	11:15 AM NR	76.4 cm 86.9 cm		

Chemical

Student Salinity- Hydrometer	11:00 AM	24,000 ppm	24 ppt			
DO – Chemets Kit	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>		
	11:15 AM	20.1°C	7 ppm	77%		
pH – LaMotte Precision	11:16 AM 12:00 PM	7.5 7.5				
Biological –Did not Fish						
Fish	Number	Name	Length of longest	Notes		
Fish Totals	TOTAL:	Diversity:				
Macroinvertebrates	Number	Name	Length of longest			
Macroinvertebrate Totals	TOTAL:	Diversity:				
Sediment Core -unable to core this site	Time	Oxid Top	H₂S Smell	Oil	Grain Size	Other Features

Boats

Commercial/ Recreational	Time	Type	Color	Southbound/ Northbound	Light/ Loaded
Commercial	1:01 PM		White	Southbound	Light
Commercial	1:03 PM		Red	Southbound	Loaded
Recreational	11:55 AM		White	Southbound	Light