

Day in the Life of the Hudson River 10/22/20

HAVERSTRAW BAY COUNTY PARK

RIVER MILE: 38

Salt Front: ~ RM 75

Rockland Soil and Water District – Nicole Liable, Brianna Rosamilia

Rockland Conservation and Service Corp: Kathy Galione, Kim Burgos

Latitude 41.212559 N & Longitude – 73.96376 W



Haverstraw Bay County Park looking South; Bits of bricks cover the ground.

Location: Haverstraw Bay County Park, Village of Haverstraw, Rockland County, NY

Area: North Beach, dock/pier, grassy, forested, parking lot

Surrounding Land Use: 70% Forested; 20% Parkland; 10% Industrial/Commercial; 20% Urban/Residential

Sampling Site: small beach, banks altered, large riprap, concrete bulkhead, covered in vegetation

Shoreline: 10% sandy; 90% rocky

Plants in area: Waterchestnuts, nearby: bur-reed, wildrice, water celery

River Bottom: muddy, sandy, rocky

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature</i>	11:11 AM	22.3 ° C	72.14 ° F	
<i>Wind Speed:</i>	11:09 AM	4-6 knots	Northeast	
<i>Weather today</i>	Hazy			
<i>Weather past 3 days:</i>	Rain, fog warning, mist			
<i>Tides-</i>	<i>Low Tide</i>	<i>High Tide</i>	<i>Time of Sampling</i>	<i>Tide</i>
	10:04 AM	4:07 PM	11:10 AM	Flooding
<i>Current-</i>	<i>Time</i>	<i>cm/second, Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
	11:10 AM	3.302 cm/sec	North	Flooding
<i>Water Temperature-</i>	11:15 AM	18.6 ° C	65.48 ° F	
<i>Turbidity- Long Sight Tube</i>	10:37 AM	27 cm		
Chemical				
<i>Salinity- Meter</i>	11:15 AM	7.43 ppt		
<i>DO – Meter</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	11:15 AM	18.6 ° C	7.72 ppm	86.70
<i>pH – Color Match Kit</i>	11:30 AM	7		
<i>Conductivity- Meter</i>	11:15 AM	11313 microseimens/cm		
Biological				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
	3	Atlantic Silverside	8.89 cm	
	4	Striped Bass	8.89 cm	
Fish Totals	TOTAL: 7	Diversity: 2		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
	3	Blue Crab		
	10	Comb Jelly		
Macroinvertebrate Totals	TOTAL: 13	Diversity: 2		