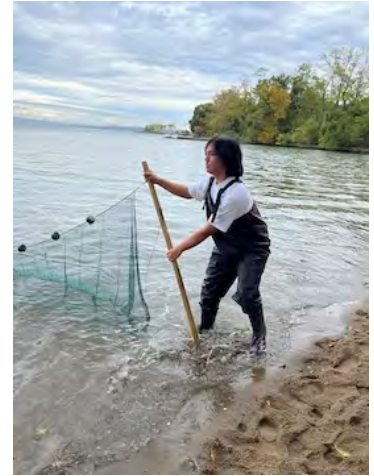


Day in the Life of the Hudson River 10/13/22
Kingsland Point Park, Sleepy Hollow
RIVER MILE: 28.5
Salt Front: ~ RM 76
Ossining High School Danielle Jackson
24 HS students & 3 adults
Teatown Preserve – Marie Roche
Latitude 41.08969 N & Longitude – 73.87032 W



Location: Kathryn Davis River Walk Center, Kingsland Point Park, Sleepy Hollow, Westchester NY

Area: Beach next to the Kathryn Davis River Walk Center

Sampling Site: Beach; riprap; drain pipe in the wall

Surrounding Land Uses: 100% Beach

Shoreline: Sandy, rocky

River Bottom: Muddy, sandy, rocky

Water: Choppy

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>
<i>Physical</i>				
<i>Air Temperature-</i>	1:45 PM	19°C	66°F	
<i>Wind Speed:</i>	1:45 PM	<i>Anemometer</i> NR	<i>Beaufort</i> <1	<i>Direction</i> NR

Weather today	1:45 PM	>75% cloud cover	Drizzle	
Weather the past 3 days:	Foggy			
Tides- *see note	Time	Rising, Falling, Unchanged	Water Height (cm)	*Tide came in fast and ran samplers off the beach!
	9:30 AM	Rising	32 cm	
Current- NR	Time	Cm/sec	Knots	North/South
Water Temperature-	9:19 AM 9:45 AM 10:15 AM 1:45 PM	19°C 19°C 17°C 14°C	66°F 62.6°F 62.5°F 57.2°F	
Turbidity- Long Sight Tube (120 cm)	10:18 AM 1:45 PM	74.4 cm 85 cm		
Chemical				
Salinity-LR Quantabs* assume this exceeded the capacity of the LR	10:27 AM	2 ppt* not realistic based on the salinity this year		
Standardized Salinity – HR Quantabs	11:21 AM	8536 ppm		
DO – Hach Drop Count Kit	Time 10:34 AM 1:45 PM	Temp 16°C 14°C	ppm DO 12 ppm 10 ppm	% saturation NR 100%
pH – Color Match Kit	10:47 AM 1:45 PM	7.6 8		
Biological-				
Fish – Seine – 10 pull	Number	Name	Length of longest	Length of smallest
9:45 AM-10:45 AM	20 1	Atlantic Silverside Striped Bass	6.5 cm 8 cm	6 cm
Fish Totals	TOTAL:	Diversity:		
Macroinvertebrates	Number	Name	Length of longest	Length of smallest
	1 25	Blue Crab Moon Jellies	1.5 cm	
Macroinvertebrate Totals	TOTAL: 26	Diversity: 2		
Sediment Core – NR				
Length	H2S smell	Oxid Top	Oil	Grain Size
				Other Features
Boats-				
	Time	Name	Color	North/Southbound
Commercial	9:20 AM	Barge	White/Green	Southbound
Recreational				Light