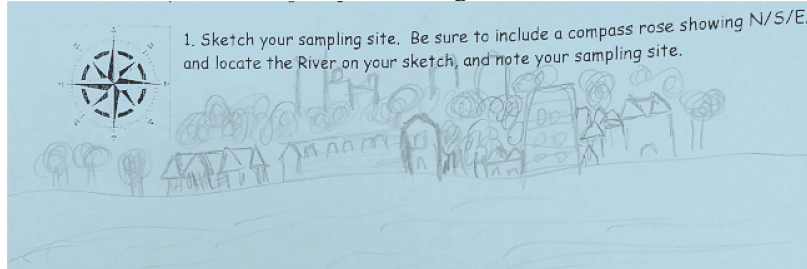


Day in the Life of the Hudson River 10/16/18 Data
125th STREET PIER, MANHATTAN
RIVER MILE: 10

Salt Front: ~RM 24

High School of Language and Innovation- Eugene Viderman
20 students 11th -12th grade, 2 adults
Scott Koen, Baylander Ship
Latitude 40.819303 N & Longitude – 73.961445 W



Location: 125th Street Pier, Manhattan, NY
Area: Concrete pier used for boating and fishing, beach
Surrounding Land Use: 100% Urban/Residential
Shoreline: Rocky, Beach
Sampling Site: On the pier
Plants in area: No plants in the water area
Water: Choppy
River Bottom: Muddy

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<i>Physical</i>				
<i>Air Temperature:</i>	12:01 PM	11.1 ° C	52 ° F	
<i>Wind Speed:</i>	12:01 PM	Beaufort 2	10 mph	Northeast
<i>Weather Today:</i>	Mostly Cloudy (51-75%)			
<i>Water Temperature</i>	10:50 AM	12 ° C	53.6 ° F	
<i>Chemical</i>				
<i>Salinity- Hydrometer</i>	<i>Time</i>	<i>Total Salinity</i>		
	10:50 AM	Hydrometer is broken		
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	*No fish
	TOTAL:	Diversity:		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
	1	Blue Crab	Male	
	14	Grass Shrimp		
	14	Harris Crab		
	84	Edotea Isopod		
	TOTAL: 113	Diversity: 4		
<i>Currents Flow</i>	<i>Cm/second</i>	<i>Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
12:30 PM	1.2	0.0233	South	Ebb
12:32 PM	1.3	0.0253	South	Ebb
<i>Sediment Core</i>	<i>Description</i>	<i>Abundant</i>	<i>Common</i>	<i>Rare</i>
	Length 39 cm Sulfur Smell Oil visible	Clay Mud	None listed	Sand

<i>Boats</i>	<i>Time</i>	<i>Name</i>	<i>Color</i>	<i>North or South</i>	<i>Loaded or Light</i>
Commercial	11:30		Black	North	Loaded
<i>Other Observations</i>	Seagulls, shell pieces, full shells, crab carapaces				