

Day in the Life of the Hudson River 10/12/17 Data

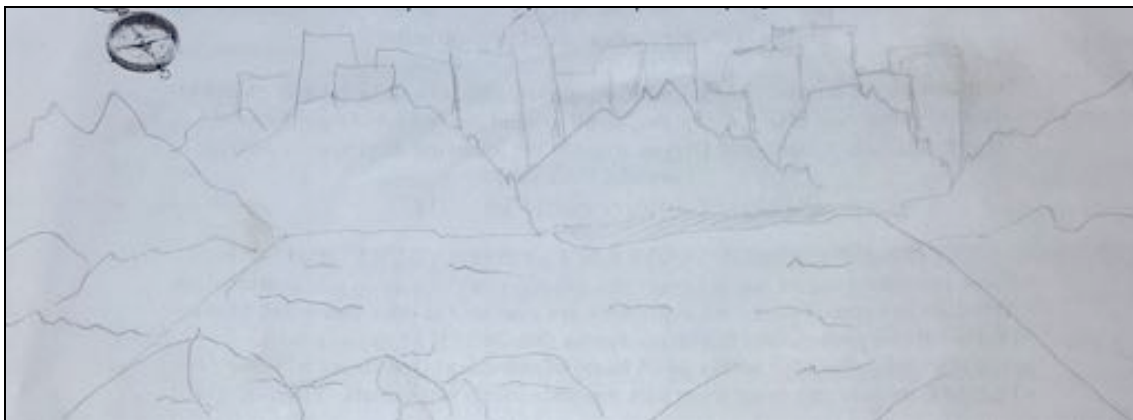
(Salt Front ~RM 65)

EAST RIVER MILE 13.5

Ferry Point Park, Bronx NY

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Location: Ferry Point Park beach, Bronx NY below the Bronx-Whitestone Bridge across the East River.

Area: Large park area used for picnics and sports with spartina covered marsh along the water and forested beyond

Surrounding Land Use: Beach and park. 50% sandy, 10% muddy, 30% rocky

Sampling Site shoreline: sandy beach, tidal marsh area covered with dense spartina

Plants in area: n/a

River Bottom – sandy, rocky

Water: Calm, no waves

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				<p>CORE SAMPLE</p>
Air Temperature		°C		
Wind Speed	11:54 AM	2 to 4 Beaufort		
Weather today				
Weather recently				
<i>Water Temperature</i> 13 cm depth	11:53 AM	19.9°C		
<i>Chemical</i> –	Time			
DO – probe				
pH – indicator solution	12:06 PM	9 9		

Salinity –	12:30 PM	26 ppt		<i>Hydrometer</i>
<i>Fish Catch</i> - Seine net 30 feet X 4 ft., 1.4 inch mesh-	<i>Number Caught</i> –	<i>Species</i>	<i>Size of largest</i>	<i>Notes</i>
FISH	182	Atlantic Silverside		
	3	mummichogs		
TOTAL CATCH	185	FISH DIVERSITY	2	
macroinvertebrates				
	Good amount	Blue Crabs		
	5	Ctenophore (Leidy's comb jelly)		
	5	Asian Crabs		
MACRO INV	DIV 3			
<i>Tides</i>				
<i>Currents</i>	1			
<i>Sediment Core</i>	TOP	BOTTOM		
	brown top (oxidized)	black color		
<i>Commercial Traffic</i>	<i>Time</i>	<i>Color</i>	<i>N/S</i>	<i>Loaded/Light</i>
	11:53 AM	Brown	N	Loaded
	11:53 AM	Black	N	Loaded
	11:56 AM	Red	N	Light
<i>Other Observations</i>	Bits of glass	shells	Rat	Seagulls
	Seaweed	Small fish in tide pool	Seems a good environment for crabs – lots of rocks	