

Day in the Life of the Hudson River 10/16/18 Data
FERRY POINT PARK, BRONX
RIVER MILE: 13.5 (East River)

Salt Front: ~RM 24

KIPP Academy Elementary School- Fatima Wilson
90 students 4th grade, 20 adults
NY DEC- Chris Bowser and Team
Latitude 40.804873 N & Longitude – 73.832189 W



Location: Ferry Point Park beach, Bronx, NY

Area: Below the Bronx-Whitestone Bridge across the East River. Mostly used for boating and fishing. Pier with grassy area and parking lot. Large park area used for picnics and sports with spartina covered marsh along the water and forested beyond.

Surrounding Land Use: Beach/park

Sample Site: Sandy beach, tidal marsh area covered with dense spartina

Shoreline: 50% sandy, 25% rocky, 25% muddy

River Bottom: Sandy, Rocky

Water: Choppy

Plants: Parts of the shoreline was covered with green water plants.

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<i>Physical</i>				
<i>Air Temperature:</i>	12:09 PM		46 ° F	
<i>Wind Speed:</i>	12:09 PM	Light breeze	West	
<i>Weather Today:</i>	No rain, clear, no clouds, sunny			
<i>Weather Previous:</i>	Rainy, windy			
<i>Currents Flow-</i>	<i>Cm/second</i>	<i>Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
12:21 PM	2.456	0.0477	South	Ebb
<i>Water Temperature</i>	NR			

<i>Turbidity-</i>	NR				
<i>Chemical</i>					
<i>Salinity- hydrometer</i>	NR				
<i>DO – NR</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>	
<i>pH- NR</i>					
<i>Fish – Seine</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>		
	30	Striped Killifish			
	6	Northern Pipefish			
	1	Winter Flounder			
	TOTAL: 37	Diversity: 3			
<i>Boats</i>	<i>Time</i>	<i>Name</i>	<i>Color</i>	<i>North/ South</i>	<i>Loaded/Light</i>
Commercial		Carrier Ship			Loaded w. trash
<i>Other Observations</i>	The water was dark blue and choppy. We could not see the bottom. Saw swans and birds. There was garbage that was left here or washed up.				