

**Day in the Life of the Hudson River 10/22/19 Data**  
**CONCRETE PLANT PARK, BRONX, RIVER MILE: 4.5 (Bronx River)**

*Salt Front: ~RM 53*

**Bronx Center for Science & Mathematics- Patrick Callahan**  
**18 students 11th-12th grade AP Environmental Science, 2 adults**  
**Bronx River Alliance- Amber Plaskin & Michelle Luibke**  
**Latitude 40°49'35.5" N & Longitude – 73°53'06.2"W**

**Location:** Concrete Plant Park, Bronx River, NY

**Area:** Grassy

**Surrounding Land Use:** 100% Urban/Residential

**Shoreline:** 80% Muddy; 19% Rocky; 1% Sandy; Riprap

**River Bottom:** Muddy, rocky

**Water:**

**Plants:** No plants in water area.

**Sampling Time:** 9:00-2:00PM

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<b>Physical</b>				
<i>Air Temperature:</i>	11:00 AM	15 ° C	59 ° F	
<i>Wind Speed: anemometer</i>	11:00 A	9 mph	West	
<i>Weather Today:</i>	Drizzly,			
<i>Weather Previous:</i>	Chilly and windy			
<b><i>Water Temperature</i></b>	12:00 PM 12:27 PM	14 ° C 15 ° C	57.2 ° F 59 ° F	
<b><i>Turbidity- long sight tube</i></b>	11:30 AM	17 cm 64 47	Avg: 42.6 cm	
<b>Chemical</b>				
<i>Salinity- hydrometer</i>	NR			
<i>DO – drop count kit</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	11:40 AM	14 ° C	7.2	70
	12:00 PM	14 ° C	5	55
	12:27 PM	15 ° C	6.1	55
<i>pH - color match kit</i>	NR			

<i>Fish – Seine</i>		<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
		11	Atlantic Menhaden	5 cm	
		2	Mummichog		
		<b>TOTAL:13</b>	<b>DIV: 2</b>		
<i>Macroinvertebrates</i>		2	Green Crab		
		3	Blue Crab		
		<b>TOTAL: 5</b>	<b>DIV: 2</b>		
<i>Boats</i>	<i>Time</i>	<i>Name</i>	<i>Color</i>	<i>North/ South</i>	<i>Loaded/ Light</i>
<i>Other Observations</i>		Bits of brick, sediments, litter, birds			