

Day in the Life of the Hudson River 10/22/20 Data
CONCRETE PLANT PARK, BRONX
RIVER MILE: 4.5 (Bronx River)
Hudson River Salt Front: ~ RM 75
Bronx River Alliance: Amber Plaksin & 4 Assistants
Latitude 40.826677 N & Longitude – 73.884901 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

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<i>Physical</i>				
<i>Air Temperature:</i>	10:40 AM	19 °C	66 °F	
<i>Wind Speed:</i>	10:40 AM	5 mph	NE	
<i>Weather Today:</i>	10:40 AM Foggy but no rain			
<i>Weather Previous:</i>	Humid and overcast past 3 days, partly sunny			
<i>Tides</i>	HT for this area	4:49 AM	Sample time 10:49 AM	Tide was ebbing
<i>Water Temperature</i>	11:07 AM	17° C	63° F	
<i>Turbidity - long sight tube</i>	N/R	1.04 m	104 cm	
<i>Chemical</i>				
<i>Salinity- Refractometer</i>	11:15 AM	9.776 ppt	Average of readings	
<i>DO – Lamotte Drop Count Kit</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	12:00 PM	17 °C	6.6 ppm average	53%

<i>pH – Color match kit</i>	11:10 AM	5		
<i>Biological</i>				
<i>Fish & Macros</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of Shortest</i>
	10	Mummichog	6.5 cm	3.75 cm
	8	Grass Shrimp	4 cm	