

**Day in the Life of the Hudson River 10/22/19 Data**  
**CONCRETE PLANT PARK, BRONX**  
**RIVER MILE: 4.5 (Bronx River)**  
*Hudson River Salt Front: ~RM 53*  
**Pelham Preparatory Academy- Zachary Itzkowitz**  
**25 students 11th-12th grade, 2 adults**  
**Latitude 40.826677 N & Longitude – 73.884901 W**  
**Location: Concrete Plant Park, Bronx River, NY**  
**Sampling Time: 11:00-12:00 PM**

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<b>Physical</b>				
<i>Air Temperature:</i>	NR			
<i>Wind Speed:</i>	NR			
<i>Weather Today:</i>	NR			
<i>Weather Previous:</i>	NR			
<b>Water Temperature</b>	NR	13° C 13° C	° F	
<b>Turbidity - long sight tube</b>	Two Groups 11-12 PM	105 cm 120 cm		
<b>Chemical</b>				
<i>Salinity- hydrometer</i>	Two Groups 11-12 PM	5 ppt 5 ppt	<i>Refract.</i>	6 ppt 6.5 ppt
<i>DO –</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	11:00 AM	13 °C	8.5	
<i>pH -</i>	Two Groups 11-12 PM	7 7		
<i>Nitrates</i>	Two Groups 11-12 PM	0.5 ppm 0 ppm		
<b>Fish</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>	<i>Oysters cage was gone – washed away?</i>