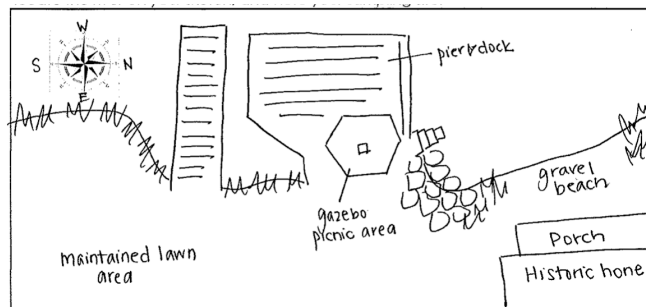


**Day in the Life of the Hudson River 10/14/21**  
**PAPSCANEE PRESERVE, RENNELAER COUNTY**  
**RIVER MILE: 140**  
*Salt Front: ~ RM 49*  
**Robert C Parker School – Leiana Hawkins and 7 adults**  
**34 students, 1<sup>st</sup>, 2<sup>nd</sup>, and 8<sup>th</sup> grade**  
**Latitude 42.571899 N & Longitude – 73.75013 W**

**Location:** Papscaanee Preserve, 150 Staats Island Road, Castleton-On-Hudson, Rensselaer County, NY  
**Area:** Private Residence- a Dutch home built in 1690s, maintained lawn, dock, and pier, small gravel beach  
**Surrounding Land Use:** 100% Other: Single house not in primary use, surrounded by Papscaanee Preserve  
**Sampling Site:** Pier, grassy, small gravel beach  
**Shoreline:** 50% Muddy, 50% Rocky primarily vegetation, small section of gravel beach  
**Water:** calm, 4 feet at deepest



ITEM	Time	Reading		Comments	
<b>Physical</b>					
<b>Air Temperature</b>	11:00 AM	68 °F	20 °C		
<b>Wind Speed:</b>	NA				
<b>Weather today</b>	11:00 AM – No rain, mostly cloudy (51-75%)				
<b>Weather the past 3 days:</b>	About 10 degrees above average temperatures				
<b>Tides-</b>	<b>Time</b>	<b>Rising, Falling, Unchanged</b>	<b>Height (cm)</b>		
	NA				
<b>Current-</b>	<b>Time</b>	<b>Cm/sec</b>	<b>Knots</b>	<b>North/South</b>	<b>Ebb/Flood/Still</b>
	10:45 AM	5.85	0.11	North	Flood
	11:00 AM	4.48	0.09	North	Flood
	11:15 AM	-	-	Still	Still
	11:30 AM	9.51	0.18	South	Ebb
<b>Water Temperature</b>	11:00 AM	64 ° F	17.9 ° C	Depth of collection: 3 ft	
	11:15 AM	64 ° F	17.9 ° C		
	11:30 AM	64.5° F	18.1 ° C		
<b>Turbidity- Secchi Disk</b>	11:15 AM	53 cm	Water looked yellowish clear.		
	11:30 AM	53 cm			
	11:45 AM	46.5 cm			
<b>Chemical</b>					
<b>Salinity- meter</b>	11:00 AM	110 ppm			
	11:15 AM	110 ppm			
	11:30 AM	110 ppm			
<b>DO – Meter</b>	<b>Time</b>	<b>Temp</b>	<b>ppm DO</b>	<b>% saturation</b>	
	11:00 AM	18 ° C	9.2	98.6%	
	11:15 AM	18 ° C	9.1	98.2%	
	11:30 AM	18 ° C	9.4	99.5%	
<b>pH – meter</b>	11:00 AM	7.75			
	11:15 AM	7.86			
	11:30 AM	8.15			
<b>Biological</b>					
<b>Fish</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>		
DEC Scott Wells	1	American Eel			

<i>dropped off these fish after electroshocking</i>	1 2 1 1	White Perch Large Mouth Bass Channel Catfish Blue Gill		
<b>Fish Totals</b>	<b>TOTAL: 6</b>	<b>Diversity: 5</b>		
<b>Macroinvertebrates</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>	
		NA		
<b>Macroinvertebrate Totals</b>	<b>TOTAL: 0</b>	<b>Diversity: 0</b>		
<b>Boat Traffic</b>				
	<i>Time</i>	<i>Name</i>	<i>North/Southbound</i>	<i>Light/Loaded</i>
<b>Commercial</b>	9:40 AM	Barge	South	Loaded
<b>Recreational</b>	10:20 AM	Fishing Boat	Anchored	-
	10:25 AM	Sail Boat	South	-