

**Day in the Life of the Hudson River 10/22/22**  
**RIVER MILE 153**  
**(Salt Front ~ RM 75)**  
**River Park, Green Island Park, Green Island NY**  
**Amanda Simmons, Aidan Mabey, Rebecca Houser +2 (5 total)**  
**Latitude 42° 44'53.04" N – Longitude -73° 41'20.62" W**



**Location:** Green Island Park boat ramp, below the Troy Dam, Albany County, NY  
**Area:** Beach area with a lot of vegetation, very muddy and rocky. The Troy dam is directly to the north  
**Surrounding Land Use:** Forested, Rocky, Fishing access, gravel, some vegetation  
**Sampling Site:** 40% urban/residential, 30% beach, 20% industrial/commercial, 10% forested  
**Shoreline:** Beach is rocky, broken concrete docking, very rocky shoreline, slag, concrete at the launch, brick pieces, 50 % vegetation, pipe directly across sampling site  
**Plants in water:**  
**Water depth;**  
**River Bottom:** mainly rocky

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	3:37 PM	71°F 21.6°C		
Wind Speed	3:37 PM	4.6 mph	North	
Cloud Cover	Clear			
Weather today	3:45 PM – humid but no rain			
Weather recently	Slightly warm fall days Mon & Tues and Wed. night rain – today is Thursday			
<i>Water surface</i>				
<i>Water Temperature</i>	3:45 PM	16°C	60.8°F	
<i>Turbidity – long site tube</i>	3:52 PM	103.1 cm		
<i>Chemical</i>	10:00 AM	1.0		

DO - Hach Drop count kit	3:52 PM		16°C	10 ppm	100%
pH –color match kit	3:36 PM		8.5		
Salinity – old quantabs	Not working				
<b><i>Fish Catch –</i></b>	<b><i>Time</i></b>		<b><i>Number Caught</i></b>	<b><i>Species</i></b>	<b><i>Size Largest</i></b>
Tried to seine but no fish			ZERO		
<b><i>Tides</i></b>	<b><i>Time</i></b>		<b><i>Height in c</i></b>	<b><i>Rising/ Falling</i></b>	<b><i>Rate of change</i></b>
<b><i>NR</i></b>					
<b><i>Currents - NR</i></b>	<b><i>Time</i></b>	<b><i>Cm/30 secs</i></b>	<b><i>Cm/sec</i></b>	<b><i>North South</i></b>	<b><i>Ebb/Fld/Still</i></b>
<b><i>Traffic Recreational</i></b>	NR				
<b><i>Other Observations</i></b>					