

**Day in the Life of the Hudson River 10/20/15 Data**  
**RIVER MILE 76**  
**Waryas Park, Poughkeepsie, Dutchess County**  
**Sharon Ellis, Walkill HS, 25 students, 9th gr Living Environment, 3 adult**  
**N 41°7056' – W -73°9403'**

**Location:** Waryas Park, Poughkeepsie, New York.

**Area:** public park, pier, grassy, parking lot. Park used for fishing, small boat launch, another pier for small boat launching

**Surrounding Land Use:** 75 % industrial/commercial; 25% park area with grass and waterfront docks

**Sampling Site:** shoreline is 100% riprap along the water with vegetation, banks altered, pier, alongside and behind

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

**Tidal Shallows:**

**River Bottom - rocky**

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<b><i>Physical</i></b>				
Air Temperature		Chillier than expected!		
Wind Speed	11:23 PM	#2		
Cloud Cover	10:30 AM	Partly cloudy	26-50%	
Water	choppy			
Observations				
<b><i>Water Temp.</i></b>	10:41 AM	17 degrees C	60 degrees F	Direct sun
<b><i>Turbidity – long site tube</i></b>	11:19 AM	33 cm 34 cm 30 cm		32.3 average
<b><i>Chemical</i></b>				
DO - LaMotte kit	Unable to collect	Chemicals expired		
pH – color match	10:50 AM 11:20 AM 11:36 AM	7.5 7.5 7.5	7.5 7.5 7.5	7.5 Averages 7.5 7.5
Salinity -	10:38 AM	1.5 on strip	41 ppm Cl-	74 ppm total salinity
<b><i>Fish Catch – 10feet net</i></b>	<b><i>Number Caught</i></b>	<b><i>Species</i></b>	<b><i>Largest</i></b>	
Unable to catch anything				
<b><i>Tides</i></b>				
<b><i>Currents</i></b>	10:15 AM	180cm/30sec	3cm/sec	0.06 kts. EBB

Core – 10:30 AM	Length of Core	Rare	Common	Abundant
<p>Sketch of your core below with measurements for each section &amp; total core (be sure to label the top and bottom):</p>				
Description - strong odor, soft consistency, 2 cm piece of wood, small shells hard mud	14 cm long – H2S smell	Brick Coal Slag Living Vegetation	Mud Pebbles Wood Shells	
<b>Shipping</b>	12:00 PM	Barge – Black	southbound	Loaded
	12:18 PM	Barge – Gray	Northbound	Loaded
<b>Observations</b>	Brick, water chestnut seeds			