

Day in the Life of the Hudson River 10/16/18 Data
ATHENS RIVERFRONT PARK, RIVER MILE: 117.5
 Athens, Greene County, NY
Salt Front: ~RM 24

Edward J. Arthur Elementary- Cate Collier & Jasion DeLuca
48 students 4th grade, 4 adults
Latitude 42.251932 N & Longitude - 73.819871 W



Location: Riverfront Park, City of Athens, Greene County, NY

Area: Across from Middle ground flats; grassy park area with benches and lookout; vegetated coverage- grassy, parking lot, used for picnics, boating, fishing

Surrounding Land Use: 85% Residential, 10% Industrial/Commercial; 5% Beach

Shoreline: Bulkhead and riprap

Water: Calm

Plants in area: water chestnuts extracted from the current but not covering the water

Sample Time: 1:30 PM-3:00 PM

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature:</i>		13.3°C	56 °F	
<i>Weather Today</i>	Cloud cover was <20%			
Chemical				
<i>Salinity- LR Quantabs</i>		106 ppm Cl ⁻	191 ppm total sal.	
Fish				
	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	No fish were trapped- despite a 6 hour submersion time

<i>Tides- Tide stick</i>	<i>Time</i>	<i>Rising, Falling, Still</i>	<i>Height (cm)</i>	<i>Rate of Tidal Change (cm/min)</i>
<i>Visual observations:</i>		Falling	Low	
Fish Totals	TOTAL: 0	Diversity: 0		
<i>Sediment Core</i>	<i>Description</i>	<i>Grain Size</i>		<i>Other Items</i>
	Sticky & stinky	Gravel and clay		