

**Day in the Life of the Hudson River 10/16/18 Data  
NORRIE POINT, STAATSBURG, RIVER MILE: 84.5**

*Salt Front: ~RM 24*

**Poughkeepsie High School- Shannon Considine  
30 students 11<sup>th</sup>-12<sup>th</sup> grade, 3 adults  
Latitude 41.83242 N & Longitude -73.94129 W**

**Location:** Norrie Point Environmental Center, east side of the Hudson far from the main channel in a protected cove, Staatsburg, Dutchess County, NY

**Area:** SW corner of Norrie Point Environmental Center, Norrie Cove, paved areas nearby, large environmental center building adjacent to the water. Shallow cove facing south onto the Hudson River, bordered by riprap embankment.

**Surrounding Land Use:** 90% Forested; 10% Parking lot, road and building

**Sampling Site:** Front banks altered, riprap, cover is very muddy with some riprap and west side is rocky

**Shoreline:** beach area, shore with bulkhead, shoreline riprap, banks altered for EC building, riprap along RR tracks, piping entering river area.

**Plants in area:**

**Water:** 2 feet deep

**River Bottom:** 50% muddy; 50% rocky

**Sampling Time** – 9:30-1:30 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>		16.1 ° C	61 ° F
<b>Turbidity -</b>	NR		
<b>Chemical</b>			
<i>Salinity- Low range Quantabs</i>		<i>Below Detection</i>	
<i>DO –</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>
		16.1 ° C	12
<i>pH -</i>	NA		
<b>Fish – seine</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>
	8	Blueback Herring	
	5	Spottail Shiner	
	4	Banded Killifish	
	1	Striped Bass	
	23	Pumpkinseed	
	25	Bluegill	
	29	Tessellated Darter	
	1	Northern Log Perch	
	<b>TOTAL: 96</b>	<b>Diversity: 8</b>	
<b>Macroinvertebrates-</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>
	<b>TOTAL:</b>	<b>Diversity:</b>	