

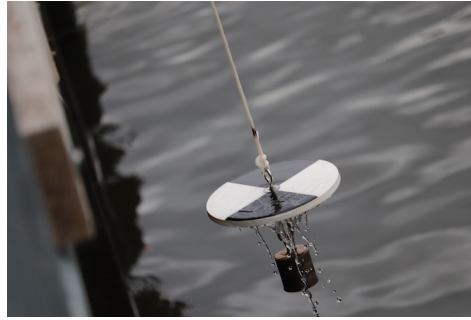
**Day in the Life of the Hudson River 10/13/22**  
**Schodack Island Preserve, Schodack Landing**  
**RIVER MILE: 134.5**

*Salt Front: ~ RM76*

**Columbia County Soil and Water CD - Leanna O'Grady**

**Ichabod Crane High School – 14 students & 3 adults**

**Latitude - 42.499487°N & Longitude - 73.776702°W**



**Location:** Schodack Island State Park, Schodack Landing, Rensselaer County, NY

**Area:** 1052 acres- park and boat launch area- grassy area with concrete walkway, pier, forested, grassy, parking lot and boat launch

**Sampling Site:** Boat launch, banks altered, covered in vegetation, riprap, concrete bulkhead, pipe entering the water

**Surrounding Land Uses:** 70% Forested, 15% Urban/Residential, 55% Industrial/Commercial

**Shoreline:** 5% Sandy, 15% Muddy, 80% Rocky

**River Bottom:** Rocky, Muddy

**Water:** NR

**Plants in the Water:** no plants

\*NR = Not read/recorded

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>	
<b>Physical</b>					
<i>Air Temperature-</i>	11:00 AM	16°C		60.8°F	
<i>Wind Speed:</i>	10:58 AM	<i>Anemometer</i> 1-3 knots		<i>Beaufort</i> 1	<i>Direction</i> S
<i>Weather today</i>	10:45 AM	>75% cloud cover		Start & Stop	
<i>Weather the past 3 days:</i>	No rain, no unusual wind or temps				
<i>Tides-</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>		<i>Water Height (cm)</i>	
	10:45 AM-12:30 PM	Falling the whole time		NR	
<i>Current-</i>	<i>Time</i>	<i>Cm/sec</i>	<i>Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
	10:40 AM 10:43 AM 11:30 AM	20.8 30.45 15.63	NR	NR	Ebb
<i>Water Temperature-</i>	10:55 AM	15°C		59°F	
<i>Turbidity- Secchi Disk (cm)</i>	10:45 AM	133.3 cm			
<b>Chemical</b>					
<i>Salinity-LR Quantabs</i>	11:01 AM	63 ppm		LR Quantab 1.6	35 ppm Cl-
<i>Standardized Salinity – LR Quantabs* note the unit conversions are matched to the batch of quantabs</i>	10:49 AM	65 ppm		LR Quantab 1.6	36 ppm Cl-

<b>DO – Lamotte Drop Count Kit</b>	<i>Time</i> 10:40 AM	<i>Temp</i> 15°C	<i>ppm DO</i> 10.2 ppm	<i>% saturation</i> 100%	
<b>pH – pH pen</b>	10:50 AM 11:50 AM 11:53 AM	6.3 *note fairly low 6.8 7.0			
<b>Nitrates- NR</b>					
<b>Phosphates- NR</b>					
<b>Alkalinity- NR</b>					
<b>Biological-</b>					
<b>Fish – Seine – 2 pulls</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>	<b>Length of smallest</b>	
10:30 AM-12:00 PM	10 1 15 23 1	Blueback Herring Golden Shiner Spottail Shiner Banded Killifish Striped Bass			
<b>Fish Totals</b>	<b>TOTAL: 50</b>	<b>Diversity: 5</b>			
<b>Macroinvertebrates</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>	<b>Length of smallest</b>	
<b>Macroinvertebrate Totals</b>	<b>TOTAL: 0</b>	<b>Diversity: 0</b>			
<b>Sediment Core – NR</b>					
<b>Length</b>	<b>H2S smell</b>	<b>Oxid Top</b>	<b>Oil</b>	<b>Grain Size</b>	<b>Other Features</b>
<b>Boats- NR</b>					
	<b>Time</b>	<b>Name</b>	<b>Color</b>	<b>North/Southbound</b>	<b>Light/Loaded</b>
Commercial	12:40 PM	Edwin A Poling Being pushed by Kimberly Poling	White & teal	North	loaded
Recreational	10:45AM		White	South	
	11:15AM	DEC	Grey	North	
	11:54AM	Riverkeeper	White	North	