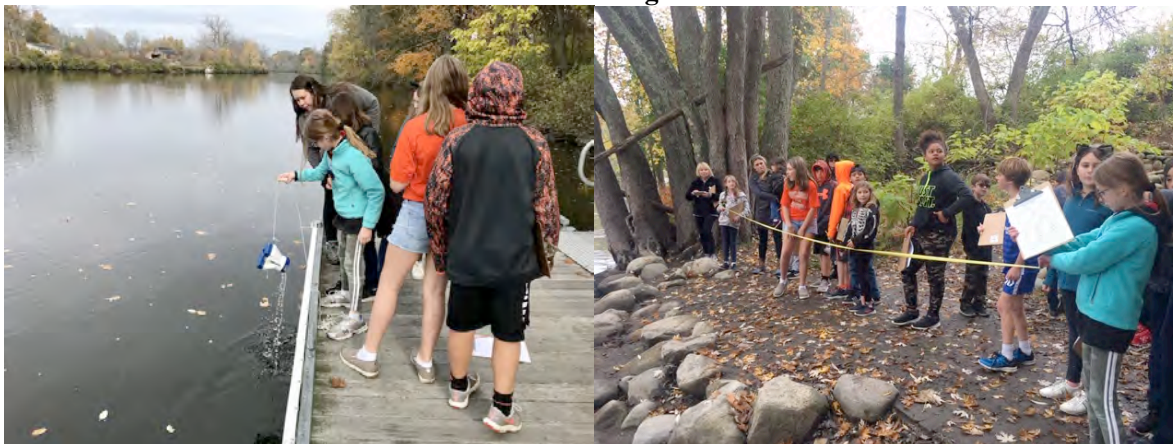


Day in the Life of the Hudson River 10/22/19 Data
SCHUYLERVILLE- LOCK 5, RIVER MILE: 200
Hudson Estuary Salt Front: ~RM 53
Trish Benton & Wendt DeLaCruz & Hudson Crossing Park
Schuylerville Elementary School-
60 students 2nd & 4th grade, 10 adults
Doug Reed, Hudson Basin River Watch
Latitude 43.11196 N & Longitude -73.57793 W



Location: Kayak launch, Hudson Crossing Park, Lock 5 in Schuylerville, Saratoga County, NY
Area: Old industrial site, now used for recreation- waterfalls, boating, fishing
Surrounding Land Use: 85% Forested; 1% Beach; Urban/Residential (several houses on site); Industrial/Commercial (dredging downriver, lots of barge activity)
Sampling Site: Small beach area, pier and lock, construction gravel in the area and covered in vegetation
Shoreline: Muddy and rocky
Plants in water: N/R
Water: 3-5 feet, calm
River Bottom: muddy, rocky
Sampling time: 1:00 PM

Upper Hudson Site above the head of tide

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature:</i>	1:00 PM	52 ° F	12 ° C	
<i>Wind Speed:</i>	1:00 PM	<1 mph		
<i>Weather Today:</i>	No rain, overcast			
<i>Weather Previous:</i>	NA			
Water Temperature	1:00 PM	11 ° C	53° F	
Turbidity - secchi disk	1:00 PM	3 feet, 11 inches	119 cms	
Chemical				
<i>Salinity- quantabs - LR</i>	1:00 PM	32 ppm chloride	58 ppm Total Salinity	
<i>DO – Not Recorded</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	NR			
<i>pH – strip</i>	1:00 PM	6.8		
Flow – above head of tide	Cm/second			
	30.48 cm/sec			

<i>Sediment Core</i>		<i>Time</i>	<i>Description</i>	<i>Common</i>	<i>Abundant</i>
<i>Core collected and sent with Doug Reed</i>					
<i>Boats</i>	<i>Time</i>	<i>Name</i>	<i>Color</i>	<i>North or South</i>	<i>Loaded or Light</i>
	1:16 PM	Passenger		Southbound	People
	1:16 PM	Passenger		Northbound	People