

Day in the Life of the Hudson River 10/12/17 Data
Above the Troy Dam
RIVER MILE 200
Hudson Crossing Park, Lock 5, Schuylerville, Hudson River



Jessica Schwerd, Hudson Crossing Park
60 students 2nd and 4th and 14 adults
43°00.044' N & 73°51.078'W



Location: Kayak launch, Hudson Crossing Park, Lock 5 in Schuylerville, Saratoga Co.
Area: Old industrial site now used for recreation – waterfalls, boating, fishing
Surrounding Land Use: urban/residential several houses on the site; 85% forested; 1% beach, 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
Plants in water: Rocky shoreline, yes - <5% has water celery
Plants in area: oak, sumac, honeysuckle
Water Bottom: sandy
Water depth: 3-5 ft.

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:00 AM	17 °C 61 °F		
Wind Speed		2.0 mph		
Cloud Cover	Partly cloudy to mostly cloudy			
Weather today	No rain today			
Weather past few days				
<i>Water Temperature</i>	11:00 AM	19°C 60 °F		
<i>Water surface</i>	Water calm			
<i>Turbidity - secchi</i>	10:00 AM	>2 meters	Secchi hit bottom	
<i>Chemical</i>				
pH –	10:00 AM	6.8		
Salinity – quantabs	10:00 AM	32 mg/L Cl-	58 mg/L TS	
Dissolved Oxygen – digital titration	10:00 AM	9.83 ppm		
<i>Flow</i>	650 cm/30 secs	21.7 Cm/sec		
<i>Shipping</i>	11:26 AM	Paddleboat	Docked	