

Snapshot Day 10/12/17 Data
Mohawk River Valley
SCHOHARIE CREEK SITE RIVER MILE
Middleburgh, NY

Mollie Burgett, Middleburgh High School & 14 students 11/12th grade
42.599109 Lat and -74.331429 Long



Location: On the Schoharie Creek, creek access point is north of Timothy Murphy Park Middleburgh, Schoharie County
Sample location runs right along river street (one of the main streets in the village) and is full of cobbles, some grasses and short shrubs under 4 feet tall. The trees along the bank on one side make a break between the road and the creek and the other side divide the creek from farm fields.

Surrounding Land Use: 20% urban/residential, 20% forested, 30% beach, 10% Industrial/Commercial, 20% Agriculture

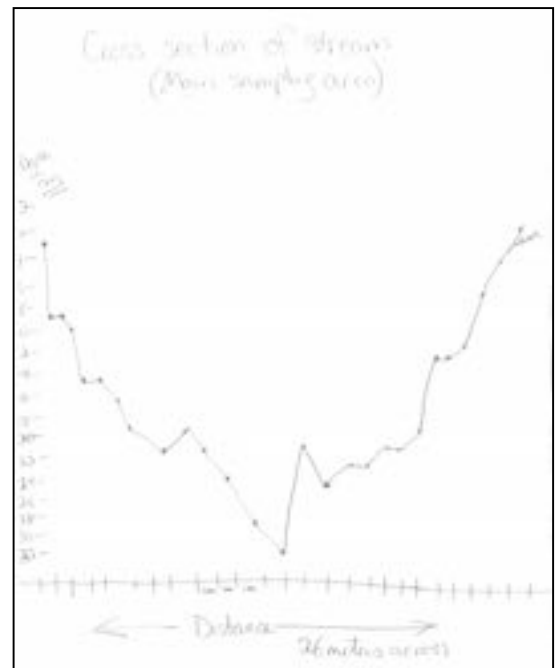
Shoreline: Rocky beach area, covered with vegetation, Storm drain outflow south of sampling, 200ft.

River Bottom: Rocky

Water Depth: 0-4ft

Water Conditions: Calm

Plants in water: no



<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	12:50 PM 1:55 PM	20°C 20		
Wind Speed		Beaufort 1.75	South	
Weather today	Started partly cloudy. It got sunny/no clouds as the day progressed, around 2:00 PM			
Weather recently	Rain yesterday, partly cloudy 2+3 days ago. Mid 60's			

Water Temperature	1:15 PM 1:38 PM 2:00 PM 2:15 PM	15°C 15 15 15		
Turbidity - Secchi disk		47 cm		
Chemical				
DO – drop count	Time	Temp	ppm DO	% saturation
	2:15	15°C	14.6ppm	145%
Note: I would not use our numbers since our kits are so old				
pH – test strips	1:15 2:10 PM	6, 7 7.6	Avg:6.8	
Nitrates	2:00 2:15	0 ppm NO ₃ ⁻ 2		
Current	Cm/sec	Area		
	29.3 0.36 30.77	Main part of stream Riffle Main part of stream		
Fish	Number	Name	Length of longest	
<i>An attempt at Seining was made (once, 20ft net, 100ft pull) but it only resulted in crayfish. Two DEC staff however ran 2 electroshock runs (one that lasted 20-30 minutes + another that lasted 5 minutes) which is where the fish results came from.</i>	1 2 2 1 2 2 2 1 2 1	Rock Bass Rainbow Darter Green Sided Darter Long Nose Dace Small Mouth Bass Hog nose Spottail Shiner Central Stone Roller Fall Fish	17cm 7 9 11 19 18 4 14 5	
Fish Totals	DIV 9	TOTAL 14		
Macroinvertebrates	Number	Species		
	3 6 68 13 8	Hellgramite Caddisfly Larvae Mayfly Larvae Stonefly Larvae Fishfly Larvae		
	DIV 5	TOTAL 98		