

**Snapshot Day 10/04/12 Data**  
**SCHOHARIE RIVER SITE RIVER MILE**  
**Middleburgh, NY**  
**Mollie Burgett, Middleburgh High School & students**

**Location:** On the Schoharie Creek by the Bridge Into Middleburgh  
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:** 10% forested, 45% residential, 45% farmland

**Shoreline:** Vegetated with established trees, small shrubs and grasses. Along the town side there is a large stone wall holding the road in place.

**Storm Drains:** Several were flowing into the water when we were sampling

**River Bottom:** Rocky and covered in cobbles

**Time of sampling** 1:30-1:50 PM

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	1:30-1:50 PM	68°F		
Wind Speed		Beaufort #0	No wind registered	
Cloud Cover	Very overcast			
Weather today	Pouring rain			
Weather recently	Overcast, intermittent rain, humid, temp. 60-70s			
<i>Water Temperature</i>		18°C		
<i>Turbidity Site tube</i>		51.6 cm		
<i>Chlorophyll</i>		none		
<i>Chemical</i>				
DO	1	84% saturated	Sampled above a riffle	Averaged results
pH –		5.5		
<i>Flow Rate (not current)</i>		3.41 m <sup>3</sup> /sec		
<i>Fish</i>	None			
<i>Macroinvertebrates from kick net</i>	<i>Number</i>	<i>Species</i>		
	5	Stonefly larvae		
	1	Water penny		
	2	Riffle beetle larvae		
	6	Mayfly larvae		
	2	crayfish		

	3	scuds		
	2	Damselfly larvae		
	4	dobsonfly larvae		
	2	Aquatic worms		
	1	Blackfly larvae		
	<b>Total Catch</b> <b>28</b>	<b>Diversity 10</b>		
<b>Fecal Coliform</b>	<b>Positive results</b>			
<b>Nitrate Test</b>	Not working			
<b>Sediment Sample</b>	Unable to secure sample	Only cobbles		