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

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Time</th>
<th>Reading 1</th>
<th>Reading 2</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Air Temperature</td>
<td>1:30-1:50 PM</td>
<td>68°F</td>
<td></td>
<td></td>
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<tr>
<td>Wind Speed</td>
<td></td>
<td>Beaufort #0</td>
<td>No wind registered</td>
<td></td>
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<tr>
<td>Cloud Cover</td>
<td>Very overcast</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Weather today</td>
<td>Pouring rain</td>
<td></td>
<td></td>
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<tr>
<td>Weather recently</td>
<td>Overcast, intermittent rain, humid, temp. 60-70s</td>
<td></td>
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<tr>
<td><strong>Water Temperature</strong></td>
<td>18°C</td>
<td></td>
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<tr>
<td><strong>Turbidity Site tube</strong></td>
<td>51.6 cm</td>
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<tr>
<td><strong>Chlorophyll</strong></td>
<td>none</td>
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<tr>
<td><strong>Chemical</strong></td>
<td></td>
<td></td>
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<tr>
<td>DO</td>
<td>1</td>
<td>84% saturated</td>
<td>Sampled above a riffle</td>
<td>Averaged results</td>
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<tr>
<td>pH –</td>
<td></td>
<td>5.5</td>
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<tr>
<td>Flow Rate (not current)</td>
<td>3.41 m³/sec</td>
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<tr>
<td><strong>Fish</strong></td>
<td>None</td>
<td></td>
<td></td>
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<tr>
<td><strong>Macroinvertebrates from kick net</strong></td>
<td>Number</td>
<td>Species</td>
<td></td>
<td></td>
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<tr>
<td>5</td>
<td>Stonefly larvae</td>
<td></td>
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<tr>
<td>1</td>
<td>Water penny</td>
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<tr>
<td>2</td>
<td>Riffle beetle larvae</td>
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<tr>
<td>6</td>
<td>Mayfly larvae</td>
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<tr>
<td>2</td>
<td>crayfish</td>
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<tr>
<td>3</td>
<td>scuds</td>
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<tr>
<td>2</td>
<td>Damselfly larvae</td>
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<td>4</td>
<td>dobsonfly larvae</td>
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<tr>
<td>2</td>
<td>Aquatic worms</td>
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<tr>
<td>1</td>
<td>Blackfly larvae</td>
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</table>

<table>
<thead>
<tr>
<th>Total Catch</th>
<th>Diversity</th>
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<tbody>
<tr>
<td>28</td>
<td>10</td>
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</table>

**Fecal Coliform**
- Positive results

**Nitrate Test**
- Not working

**Sediment Sample**
- Unable to secure sample
- Only cobbles