



White Oak Creek Watershed 319 Grant Water Monitoring

Wednesday, September 19th, 2007

Appox. macro collection time: 3 pm

Approx. monitoring time: 3:30 pm

| | Sterling Run RM 0.6 – White Oak Creek | |
|--|--|-------------------------------------|
| pH | 8 | Excellent |
| Nitrates | 30 | Poor |
| Phosphates | 3-4 | Fair - Poor |
| Dissolved Oxygen | ~ 8ppm (parts per million) 82.5% saturation | Good |
| Temperature | 67°F 20°C | Poor <i>(summer higher temp)</i> |
| <i>Macros Collected</i> Class 1: Water penny, caddisfly, riffle beetle, mayfly, hellgrammite, gilled snail | Class 2: Clam/mussel, crayfish, sow bug, scud | Class 3: <i>leech</i> |

Western Brown High School Environmental Club students used seines and dip net to collect macroinvertebrates throughout the 200 feet sample area. The students then were broken up into groups to test White Oak Creek water on Sterling Road (rivermile 0.6). 18 students participated, each group shared their results and explained the test in which they conducted to the rest of the class.

WO Creek water monitoring location: Sterling Road West (1st creek/road crossing) River Mile 0.6.

Presenters: Melody L. Drago & Danielle R. Thompson
Teacher: Melissa Whitley-Huff

