



## White Oak Creek Watershed 319 Grant Water Monitoring

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**Wednesday, March 21<sup>st</sup> 2007**

**Fayetteville High School**

**Appox. collection time 2:15pm**

**Approx. monitoring time 3:15pm**

|             | <b>Creek Water</b>  | <b>Grant Lake Water</b> |
|-------------|---------------------|-------------------------|
| pH          | 9                   | 7                       |
| Nitrates    | 0                   | 0                       |
| Phosphates  | 1                   | 1                       |
| DO          | 8 -- 71% saturation | 4 – 37% saturation      |
| Temperature | 10° C               | 12° C                   |

Fayetteville High School students were split up into groups and required to test both White Oak Creek water and Grant Lake water. 9 students participated, each group shared their results and explained the test in which they conducted to the rest of the class. The group was also prepped for the upcoming envirothon competition.

Creek water location: Gene Butts property at River Mile 20.25 (main stem)  
Grant Lake Access #2 (access closest to dam)

Presenter: Melody L. Dragoo  
Teacher: Beth Smith