



White Oak Creek Watershed 319 Grant Water Quality Monitoring

Monday, August 13, 2007

Home School Group Educational Water Quality Monitoring

Approx. monitoring time 9:40 – 11:15 am

	East Fork – White Oak Creek	
pH	8	Excellent
Nitrates	0	Excellent
Phosphates	4	Fair - Poor
Dissolved Oxygen	~ 8ppm (parts per million) 95 to 99 % saturation	Excellent
Temperature	25°C - 77°F	Poor
<u>Macros Collected</u> Class 1: <i>mayfly, gilled snail, caddisfly, riffle beetle</i>	Class 2: <i>crayfish, sowbug, scud, alderfly, dragonfly, mussel</i> ** <i>Brown Waterscorpion</i> **	Class 3: <i>leech</i>

Students were introduced to the concepts of water quality & its importance by Danielle, Melody & Sara. The students and advisors were then instructed on proper sampling techniques and equipment. Both chemical and biological sampling was conducted. The monitoring site is located at the intersection of Rt. 134 & 32 on the East Fork of White Oak Creek. A total of 17 students and teachers participated.

White Oak Creek water monitoring location: East Fork of White Oak Creek in Sardinia (park-n-ride) at River Mile 5.1.

Presenters: Melody L. Dragoo, Danielle R. Thompson & Sara R. Campbell
Teacher: Valerie Richey & other teachers

