

Sarah Edmonds  
Amendment to BNP Research Permit  
July 6, 2004

I will be collecting about 50 bluegills from North Fork in the Bath Nature Preserve as part of my master's thesis research. The fish will be housed in the BRC at the University of Akron. I will determine whether the bluegills are infected with the black grub, *Uvulifer ambloplitis*. I will then use bluegill serum to determine if there are differences in protein expression between bluegill that are infected with *U. ambloplitis* and those that are not infected. This research will not be destructive to the fish, and should have minimal impact on the nature preserve.