



# **EFFECTS OF ANIMAL FEEDING OPERATIONS ON WATER RESOURCES AND THE ENVIRONMENT--**

**Proceedings of the technical meeting,  
Fort Collins, Colorado, August 30 – September 1, 1999**

---

**U.S. Geological Survey  
Open-File Report 00-204**



**U.S. Department of the Interior  
U.S. Geological Survey**

**Cover: Aerial view of poultry barns at a confined animal feeding operation.  
Photograph by Daniel J. Hippe, U.S. Geological Survey.**

# **EFFECTS OF ANIMAL FEEDING OPERATIONS ON WATER RESOURCES AND THE ENVIRONMENT--**

**Proceedings of the technical meeting,  
Fort Collins, Colorado, August 30 – September 1, 1999**

**Franceska D. Wilde, Linda J. Britton, Cherie V. Miller, and  
Dana W. Kolpin, Compilers**

---

**U.S. Geological Survey  
Open-File Report 00-204**

**The views and conclusions contained in this document from authors not affiliated with the U.S. Geological Survey are solely those of the authors and should not be interpreted as necessarily representing the views or official policies, either expressed or implied, of the U.S. Geological Survey.**

**Reston, Virginia  
2000**

**U.S. DEPARTMENT OF THE INTERIOR  
BRUCE BABBITT, Secretary**

**U.S. GEOLOGICAL SURVEY  
Charles G. Groat, Director**

The use of brand, trade, or firm names, or the names of individuals in this report is for identification purposes only and does not imply endorsement by the U.S. Geological Survey or impute responsibility for any present or potential effects on water or other natural resources.

---

For additional information write to:

Chief, Office of Water Quality  
U.S. Geological Survey  
12201 Sunrise Valley Drive, MS 412  
Reston, VA 20192

Copies of this report can be purchased  
from:

U.S. Geological Survey  
Information Services  
Box 25286, Federal Center  
Denver, CO 80225

The U.S. Geological Survey's Animal Feeding Operations Web site address is:  
<http://water.usgs.gov/owq/AFO/>.

