Appendix X
Agricultural Best Management Practices

I. Crop and Pasture Lands

A. BMPs for Sediment Control
   - Conservation Tillage System
   - Critical Area Planting
   - Diversion
   - Field Border
   - Filter Strip
   - Grade Stabilization Structure
   - Grassed Waterway
   - Rock-Lined Waterways or Outlets
   - Sediment Control Structure
   - Sod-Based Rotation
   - Stripcropping
   - Terrace
   - Water Control Structure
   - Pastureland Conversion

B. BMPs for Nutrient Control
   - Legumes in Rotation
   - Soil Testing
   - Liming
   - Setting Realistic Crop Yield Goals (determines fertilization rates)
   - Fertilizer Waste Application (method, rate, and timing)
   - Sediment Control BMPs

C. BMPs for Pesticide Control
   - Alternative Pesticides
   - Optimize Pesticide Formulation, Amount, Placement, Timing, Frequency
   - Crop Rotation
   - Resistant Crop Varieties
   - Other Cultural or Biological Controls
   - Optimize Crop Planting Time
   - Plant Pest Quarantines
   - Proper Disposal of Obsolete Pesticides and Containers
   - Certification of Applicators
   - Sediment Control BMPs
II. Animal Production (esp. Confined Animal Operations)

**BMPs for Bacteria and Nutrient Control**

- Grade Stabilization and Nutrient Control
- Heavy Use Area Protection
- Livestock Exclusion
- Spring Development
- Stock Trails and Walkways
- Trough and Tank
- Waste Management System
- Waste Storage Pond
- Waste Storage Structure
- Waste Treatment Lagoon
- Land Application of Waste
- Water Control Structure

Source: North Carolina Department of Agriculture and Consumer Services.