Animal Feeding Operations (AFOs)  
The Utah Strategy  
1999-2009

Utah Partnership

- Utah Division of Water Quality
- Utah Department of Agriculture and Food
- USDA Natural Resources Conservation Service
- U.S. Environmental Protection Agency
- Utah Association of Conservation Districts
- Utah Farm Bureau Federation
- Utah State University Cooperative Extension Service
- Utah Dairymen's Association
- Utah Pork Producers
- Utah Turkey Producers
- Utah Cattlemen's Association
- Utah Poultry Producers
- Utah Woolgrowers Association
- Utah Farmers Union

Utah AFO Strategy

Goals
1. Restore and protect the quality of Utah’s water for beneficial use.
2. Maintain a viable and sustainable agricultural industry.
3. Keep the decision-making at the state and local level.

Inventory and Assessment

Inventories Completed 2,935
Dairies 399
Cattle Feedlots 1,358
Turkey Operations 64
Chicken Operations 24
Swine Operations 69
Sheep Operations 378
Horse Operations 52
Mink 52
Mixed 558
Other 22

(Continued)

Inventory and Assessment

Inventories Completed
Small and Medium AFOs 2,935
Large AFOs 2,076
AFOs Impacting Water Quality 55
Neither (by AFO definition) 393

Planning and Implementation

Small and Medium AFO’s

Total Identified 393 (100%)
Plans Developed 386 (98%)
BMPs to Control Runoff 330 (84%)
Plans Implemented 316 (80%)
Full Compliance 272 (70%)

Nutrient Load Reduction

170 Facilities Reported
Nitrogen (lbs) 196,000
Phosphorus (lbs) 73,000
BOD5 (lbs) 786,000

Equivalent to a community population of 10,000 residents with sewage treatment facilities.
Federal CAFO Rule
For Large AFOs
• Became effective December 2008
• Utah will comply with Federal CAFO rule
• Only facilities that discharge or propose to discharge to waters of the State will require a permit
• Permitted CAFO’s will require a Nutrient Management Plan (NMP) that follows NRCS standards and practices

Utah Permit by Rule
for Small and Medium AFOs
• Protects against a violation for discharging pollutants during a greater than 25-year, 24-hour storm event
• AFOs must have and follow a Nutrient Management Plan (NMP)
• AFOs must have facilities that provide for and maintain discharges that occur during a 25-year, 24-hour storm event
• NMP’s must follow NRCS Standards
• Utah Department of Environmental Quality will do inspections

Financial Assistance
• NRCS Earmark - $1,257,000
  - UARQT
  - NRCS Administration
  - Nutrient Management Grants
• EPA Section 319 - $3,399,000
  - Inventory and Assessment
  - Nutrient Management Grants
  - Technical Assistance
• Utah State Legislature - $800,000
  - Nutrient Management Grants
• USDA Farm Bill (EQIP) - $11,900,000
  - Nutrient Management Grants
• Landowner - $4,700,000
  - ARDL
  - Personal Funds

TOTAL = $22,947,000