Overview of Remaining Rules

Agriculture – Title 15A NCAC 02B .0264
Fertilizer Management – Title 15A NCAC 02B .0272
Offsetting Nutrient Loads – Title 15A NCAC 02B .0273

Agriculture

- Applies to all persons engaging in agriculture operations in the Jordan watershed
  - Includes those related to crops, horticulture, livestock and poultry operations above size thresholds
- Nitrogen and phosphorus reduction goals have been established
  - Must be met at the subwatershed level
  - Phosphorus goal is qualitative
- Trading is allowed

Agriculture

- Establish a Watershed Oversight Committee to implement these rules
- After 3 years, determine the extent to which the nitrogen goal has been met
  - If goal has not been achieved, establish Local Advisory Committees
- After 6 years, the EMC will determine whether N and P goals have been met
  - If goals have not been achieved, may require additional BMP implementation to achieve goals within 9 years

Fertilizer Management

- Applies to:
  - Cropland areas for commercial purposes
  - Commercial ornamental and floriculture areas and greenhouse production areas
  - Golf courses, public recreational lands, road or utility rights-of-way, or other commercial or institutional lands where any such land(s) totals at least five acres
  - Any lands where a hired applicator, who does not own or lease the lands, applies nutrients to a total of at least five acres per year

Fertilizer Management

- By August 2012, fertilizer application shall be made by:
  - An applicator who has completed nutrient management training -OR-
  - Pursuant to a nutrient management plan
- Wastewater residuals and septage application have earlier compliance timeframes
- Animal waste application in compliance with a permitted waste utilization plan is deemed compliant

Offsetting Nutrient Loads

- Market-based trading
  - New in Jordan watershed
  - Buy or sell credits from other sources, including private sellers
- Available for:
  - New development
  - State and Federal entities
  - Agriculture
  - Wastewater dischargers

Offsetting Nutrient Loads

- Before buying credits – must:
  - Meet minimum onsite reductions
- Before selling credits – must:
  - Exceed strategy goals for that source
  - Be in same subwatershed as buyer
  - Account for spatial differences, uncertainty and timing
  - Ensure compliance over time
  - Provide tracking

Questions?

Agriculture
Fertilizer Management
Offsetting Nutrient Loads