

Nutrient Criteria Workgroup

May 20, 2002

Agenda

- 9:00** Welcome - Barbara Henry
Introductions
- 9:10** Welcome - Mark Vickery
- 9:20** Meeting rules & General Workgroup purpose - Barbara Henry
Specific work group purpose and plan for the day - Jim Davenport
- 9:30** Status of EPA Requirements and Guidance
Texas Current Methods to Control Nutrients
General Plan for Nutrient Development
- a. Staged approach
 - b. Options available
 - c. Plan status
- 9:40** Data manipulation per EPA Guidance - Evan Hornig (15-20 minutes)
- a. Data used by EPA
 - b. Data used by TNRCC
 - c. Preliminary results using TNRCC data
- 10:00** Comparisons of 25th percentiles for different scales to set criteria - Sidne Tiemann
- 10:15** Break
- 10:30** “Potential Impacts from Nutrient Related Standards in Five North Central Texas Reservoirs”, Woody Frossard, Tarrant Regional Water District
- 10:45** “Influence of Basin Morphometry and Water Residence Time on the Trophic Status of the Reservoirs of the Guadalupe River,” Dr. Al Groeger, Southwest Texas State University
- 11:00** “Numeric Nutrient Criteria: a Case Study”, Glenn C. Clingenpeel, Trinity River Authority
- 11:15** “The Meaning of Nutrient Concentrations in the Estuaries”, David Brock, Texas Water Development Board
- 11:30** General Perspectives and Suggestions on Direction of Investigation from Workgroup Members

12:00 Lunch break

1:30 Discussions on Focused Questions

- 1:30** a. Form criteria should take - Jim Davenport
1. Causal - e.g. phosphorus, nitrogen concentrations
 2. Response - e.g. chlorophyll *a* concentrations

2:15 b. Options for Setting Target Value of the Criteria (Alternative forms of nutrient criteria) - Jim Davenport

3:00 Break

- 3:10** c. Types of Data Analysis Needed for: - Sidne Tiemann
1. Reservoirs
 2. Streams and rivers
 3. Estuaries

3:20 d. Priorities for Data Evaluation and Criteria Development by Water Body Type
Next Steps for Analysis - Sidne Tiemann

3:30 e. Geographic Scope (Reservoir Categories) - Jim Davenport

3:40 f. Reservoir Categorization (other characteristics) - Jim Davenport

3:50 What do we do next? - Jim Davenport

4:00 Adjourn