

Surface Water Quality Standards Advisory Workgroup Agenda

Location: TCEQ Headquarters, 12100 Park 35 Circle, Building F, second floor, Room 2210

Date: April 27, 2009

Time: 9:00 am – 5:00 pm

- 9:00 General welcome – Kelly Keel & L’Oreal Stepney
- 9:05 Overview and workgroup introductions – Sidne Tiemann, Chip Morris
- 9:15 Nutrient criteria (as Chlorophyll *a*) in water quality standards
Calculation of criteria – consideration of comments
Use of older data
Minimum criteria; minimum quantification levels
Assessment procedures
Updated assessment testing of current criteria
Impairment confirmation – Total Phosphorus screening levels or other checks
Revisions to criteria table (Appendix F) for selected reservoirs
Concerns about criteria greater than 20 µg/L Chlorophyll *a*
Calculation of criteria – alternate methods (TPWD)
- 11:30 **Lunch**
- 1:00 Implementing nutrient criteria – Karen Holligan
Overview of changes made in response to comments
Suggested TP limits for various effluent flows
Distances evaluated
Evaluating main pool effects in reservoirs with numerical criteria
Percent change due to discharge
Relation of chlorophyll *a* to TP: alternative regression equation suggested by TIAER
Ratio of chlorophyll *a* to TP: alternative formula suggested by TRA
Nutrient screening for estuary discharges
- 3:00 **Break**
- 3:15 Establishing TP limits based on screening
- 3:45 Other topics of concern to the workgroup