



Brazos River Authority

Stakeholder Goals



Brazos River Authority

Stakeholder Goals

- Created and adopted on May 22, 2007
- Stakeholder Group adopted two goals
- Stakeholder Group selected conservative goals
 - Both goals stricter than State Water Quality Standards
 - Bring canals in-line with *E. coli* levels observed in mainbody of lake
 - Protective of human health
 - Protective for many years into the future as community grows
 - Only has to fail one of two goals to be considered problematic or impaired
- Stakeholder goals essentially become the water quality standard for the lake



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Goal #1

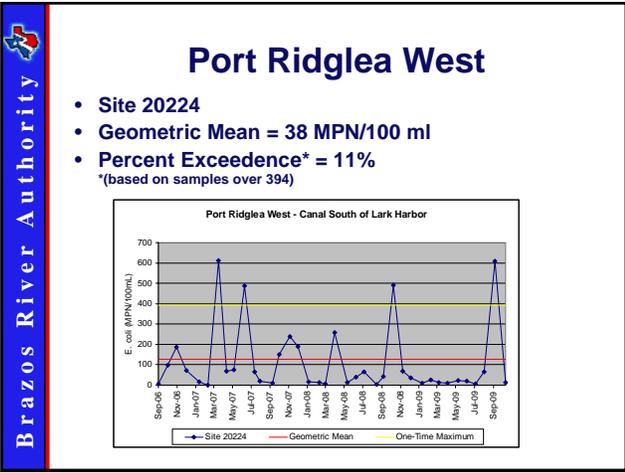
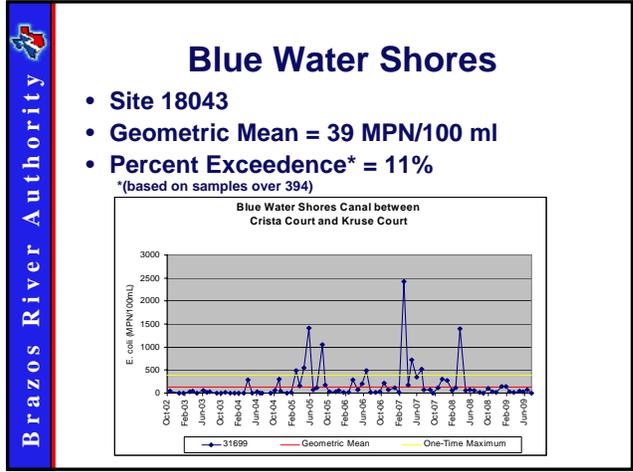
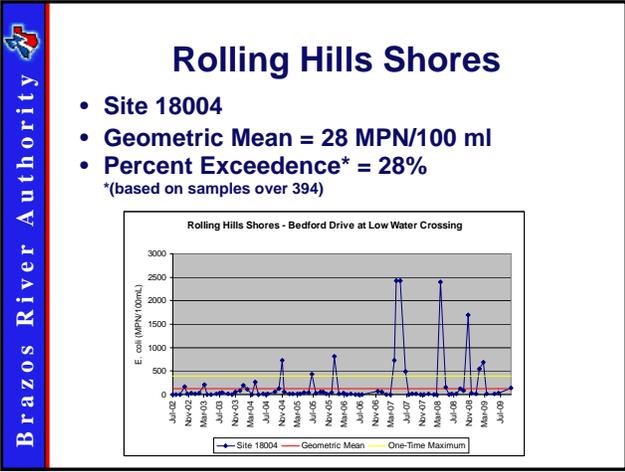
- Reduce and/or maintain bacteria geometric mean concentrations in the canals below 53 MPN/100mL
- Based on actual data from coves with no concerns or borderline concerns
 - Geometric mean <18 MPN/100mL
 - 75th percentile
- All water quality and management measure modeling based on 53



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Goal #2

- Reduce and/or maintain bacteria percent exceedence of 394 MPN/100 mL in the canals below 5%
- Based on input from member of the general public
- State standard is: water body will be considered impaired if percent exceedence of 394 is greater than 10%
 - TCEQ has eliminated this standard in its Proposed Texas Surface Water Quality Standards that are being presented to the EPA in 2010
 - Standard has been determined less valuable in protecting human health than the geometric mean-based standard



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Recommendation

- **Maintain Goal #1 as Stakeholder Goal**
 - Reduce and/or maintain bacteria geometric mean concentrations in the canals below 53 MPN/100mL
- **Eliminate Goal #2**
 - Reduce and/or maintain bacteria percent exceedence of 394 MPN/100 mL in the canals below 5%



Resolution

BE IT RESOLVED by the Lake Granbury Watershed Protection Plan Stakeholders Group that the water quality goal for *E. coli* concentrations in the canals of Lake Granbury be to reduce and/or maintain *E. coli* geometric mean concentrations in the canals at or below 53 MPN/100mL.

BE IT FURTHER RESOLVED that the goal of reducing and/or maintaining bacteria percent exceedence of 394 MPN/100 mL in the canals below 5% be eliminated from the goals of the Lake Granbury WPP.