



Brazos River Authority

## Waterfowl at Lake Granbury

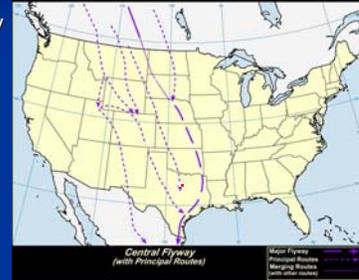
Presented by Travis Hayne



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## Located in the Central Flyway

- Route taken by waterfowl migrating from Northern breeding grounds to Winter destinations in the South.



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- More than 70 percent of waterfowl in the Central Flyway make their winter home in Texas.
- TPWD estimates the mid-winter duck populations of Texas averaged 3.6 million from 1997-2005 with ≈15% of those observed in Central Texas.



Canadian Geese at Harbor Lakes Golf Course



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## Winter Residents

- Mallards, Teal, Northern Pintails, Canvasbacks, Redheads, American Coots and geese make Lake Granbury a winter home.
- For many migrating birds, Lake Granbury and the Brazos River are a welcomed stop before pushing south to the Gulf Coast.



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## Year-Round Resident Waterfowl

- Cormorants, gulls, herons, domesticated and wild ducks and geese are year-round residents in Lake Granbury



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- Concerns that waterfowl are responsible for high E. coli concentrations
- Waterfowl can contribute to bacteria levels
- Waterfowl sources are naturally occurring and difficult to control





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For the sake of implementation and control of bacteria sources, wildlife is generally regarded as a natural phenomenon and considered a background condition



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### Preventative Measures

- Homeowners and local community can have a large impact on residential waterfowl
- Don't feed ducks and other wildlife.
- Take down feeders that attract wildlife
- Visual repellents such as flags, or scarecrows



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- Implementing preventative measures will encourage waterfowl to forage for food, move around the lake and not concentrate in small areas



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### Waterfowl Survey

- Quarterly Counts
  - For each season
  - Conduct ground counts around different areas of the lake
  - Estimate Population: Migratory vs. Residential
- One-year duration



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BE IT RESOLVED by the Lake Granbury Watershed Protection Plan Stakeholders Group that the Water Fowl Survey as presented and discussed on February 13, 2007 be implemented by the Brazos River Authority in February 2007.