

# ***Fort Worth District***

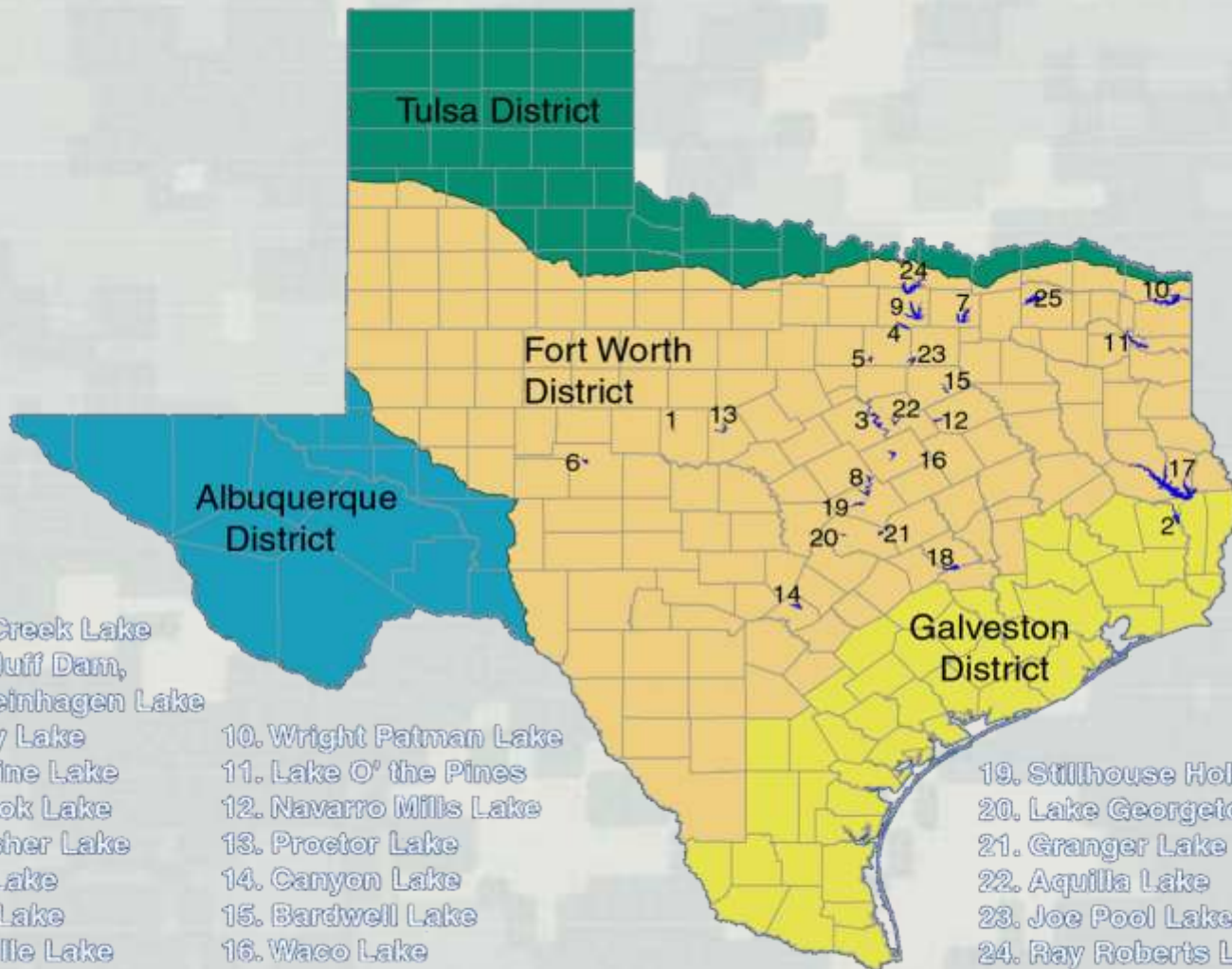
***Red River Valley Association***

***92<sup>nd</sup> Annual Convention***

***February 22<sup>th</sup>, 2017***



# Civil Works Boundaries



- 1. Hords Creek Lake
- 2. Town Bluff Dam,  
B.A. Steinhagen Lake
- 3. Whitney Lake
- 4. Grapevine Lake
- 5. Benbrook Lake
- 6. O.C. Fisher Lake
- 7. Lavon Lake
- 8. Belton Lake
- 9. Lewisville Lake

- 10. Wright Patman Lake
- 11. Lake O' the Pines
- 12. Navarro Mills Lake
- 13. Proctor Lake
- 14. Canyon Lake
- 15. Bardwell Lake
- 16. Waco Lake
- 17. Sam Rayburn Reservoir
- 18. Somerville Lake

- 19. Stillhouse Hollow Lake
- 20. Lake Georgetown
- 21. Granger Lake
- 22. Aquilla Lake
- 23. Joe Pool Lake
- 24. Ray Roberts Lake
- 25. Jim Chapman Lake  
and Cooper Dam



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# ***Fort Worth District Civil Works Program***

<b>Fort Worth District Civil Works Program</b>	<b>Fiscal Year 2017 Workplan</b>	<b>Fiscal Year 2017 President's Budget</b>
<b>Investigations</b>	<b>\$0</b>	<b>\$0</b>
<b>Construction</b>	<b>TBD</b>	<b>\$0</b>
<b>Operations and Maintenance</b>	<b>TBD</b>	<b>\$77,137,000</b>



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# ***Fort Worth District Lakes within the Red River Basin***

<b>Fort Worth District Lakes</b>	<b>Fiscal Year 2016 Obligations</b>	<b>Fiscal Year 2017 Anticipated Obligations</b>	<b>Fiscal Year 2018 President's Budget</b>
<b>Jim Chapman Lake</b>	<b>\$1,499,902</b>	<b>\$1,624,000</b>	<b>TBD</b>
<b>Lake O' the Pines</b>	<b>\$3,337,701</b>	<b>**\$4,210,000</b>	<b>TBD</b>
<b>Wright Patman Lake</b>	<b>\$3,037,652</b>	<b>\$3,371,000</b>	<b>TBD</b>

FY 17 Significant Maintenance packages: WP Design/repair of embankment erosion (\$3M)

\*\*Lake O' the Pines FY17 budget included: Dewatering stilling basin and Master Plan budget packages.



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# ***Civil Works Non-O&M Activities***

## ***Red River Tributaries***

- ***Cypress Bayou Watershed PAS Study***
  - ***Focuses on environmental flows, Riverware modeling, and monitoring the environmental impacts.***
  - ***\$800K effort, cost shared 50/50***
  - ***Multiple entities: CLI, NETMWD, TPWD, Nature Conservancy, and others***



# ***Civil Works Non-O&M Activities Red River Tributaries***

- ***Sulphur River Basin Feasibility Study***

- ***Focuses on reallocation of storage at Wright Patman Reservoir.***

- ***We are currently asking for an exemption for additional time and money. We have exceeded our 3x3x3 requirement to complete.***





# ***Sulphur River Basin Study***

- **Feasibility Cost Share Agreement (FCSA)**
  - ***Agreement between Government and Sulphur River Basin Authority – originally executed 24 February 2005.***
  - ***Cost share for study is 50/50; up to 100% of local sponsor's share can be work-in-kind***
  - ***Study is limited to 3 years and \$3,000,000, unless an exception is granted. A request for exception is being developed.***
  - ***Dam Safety Analysis being incorporated into the study, likely delaying completion of the study until 2019.***





# ***Sulphur River Basin Study***

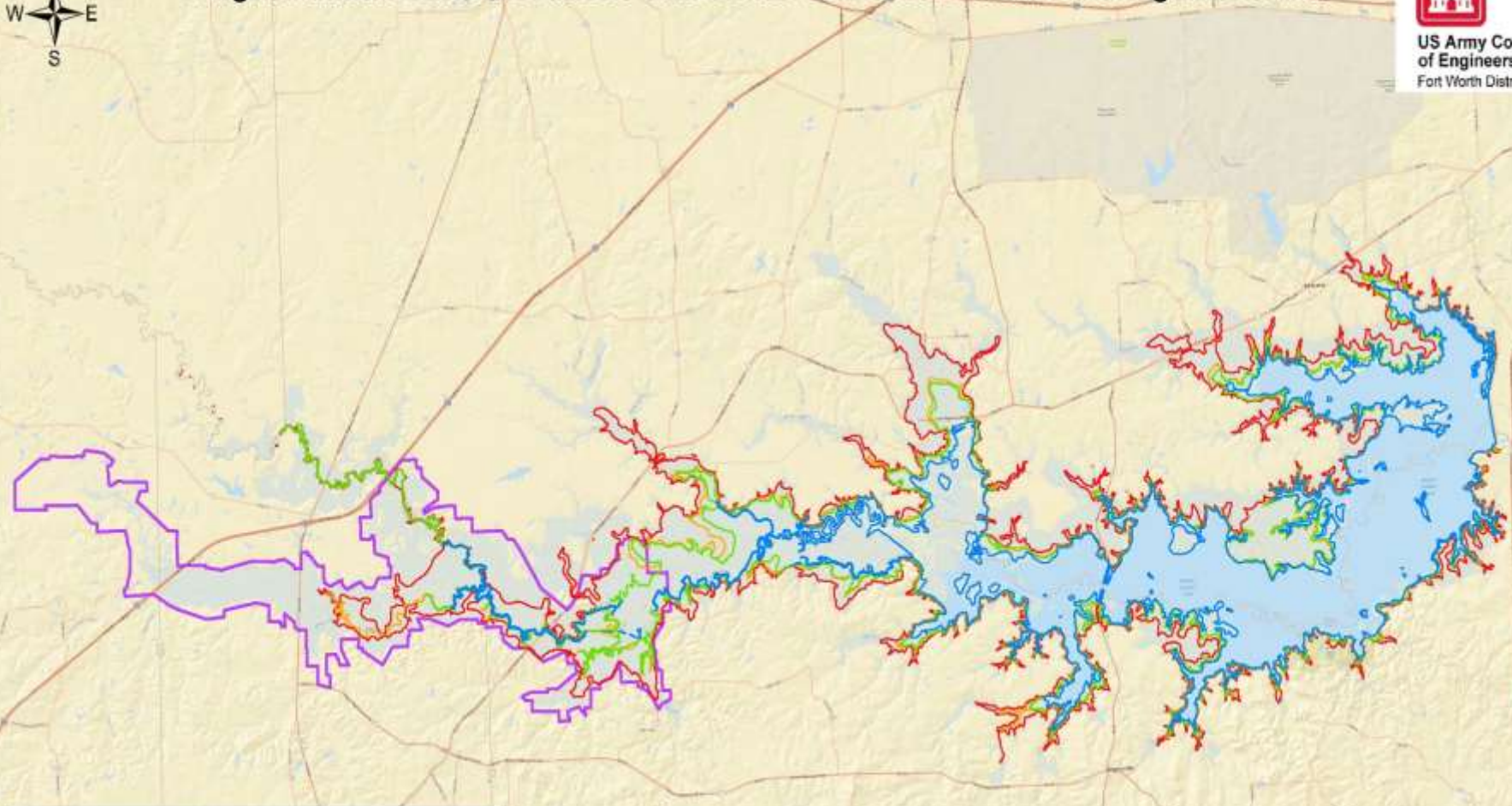
- **The Sulphur River Basin is one of the only areas within Texas with a potential for significant additional water supply.**
- **Proposed Reallocation of flood storage to water supply in Wright Patman is a viable alternative.**
- **Considerations include environmental impacts, cultural resources, and dam safety.**
- **Will not meet all water supply needs requested by the interested water providers.**
- **Will likely require Congressional Authorization, due to significance.**
- **Tentatively Selected Plan is tentatively scheduled for July/Aug 2017.**





# Wright Patman Lake Elevations and White Oak Creek Wildlife Management Area



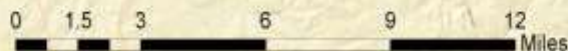
US Army Corps  
of Engineers  
Fort Worth District



**Legend**

-  Ultimate Rule Curve Elevation
-  232.5 Elevation
-  235 Elevation
-  242.5 Elevation
-  White Oak Creek Wildlife Management Area

Elevation	Acres
Ultimate Rule Curve	35,128
232.5	48,771
235	50,967
242.5	70,796



# **CONTACT INFORMATION**

***Mr. Elston D. Eckhardt, P.E.  
Chief, Civil Project Management  
Branch***

***819 Taylor Street  
Fort Worth, TX 76102-0300  
817-886-1378***

***Elston.D.Eckhardt@usace.army.mil***



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