



Lake Columbia Water Supply Reservoir Project

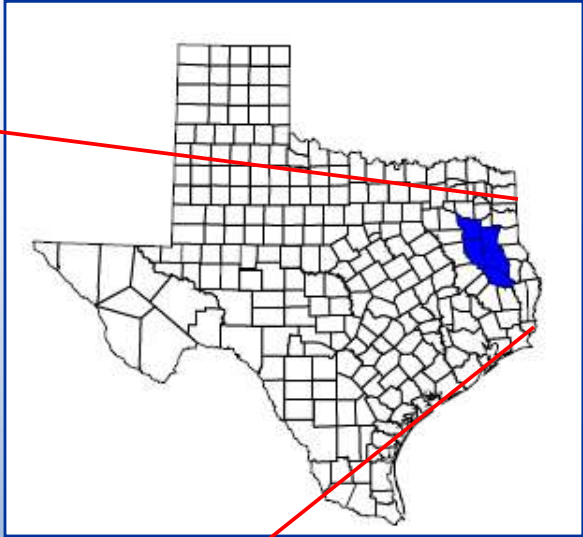
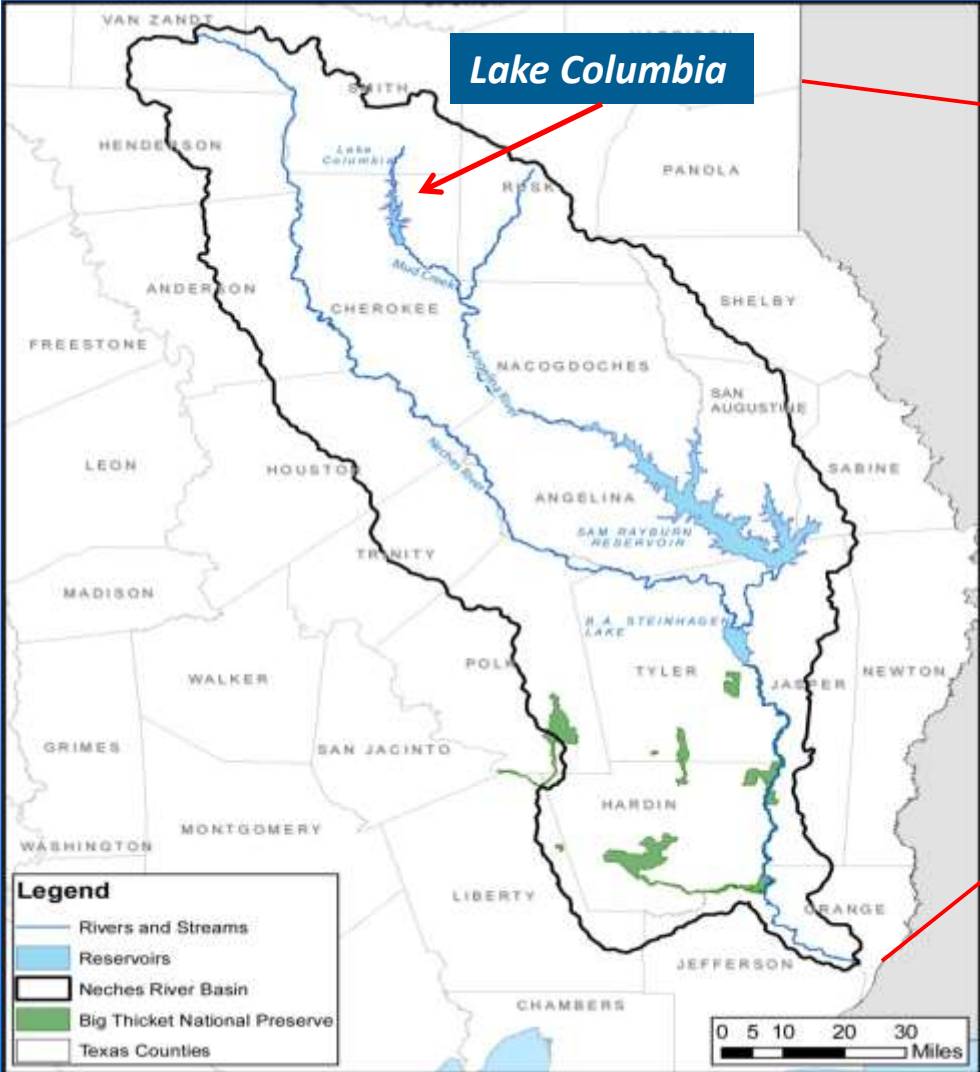
Basin Steering Committee

April 28, 2010

Lake Columbia Site



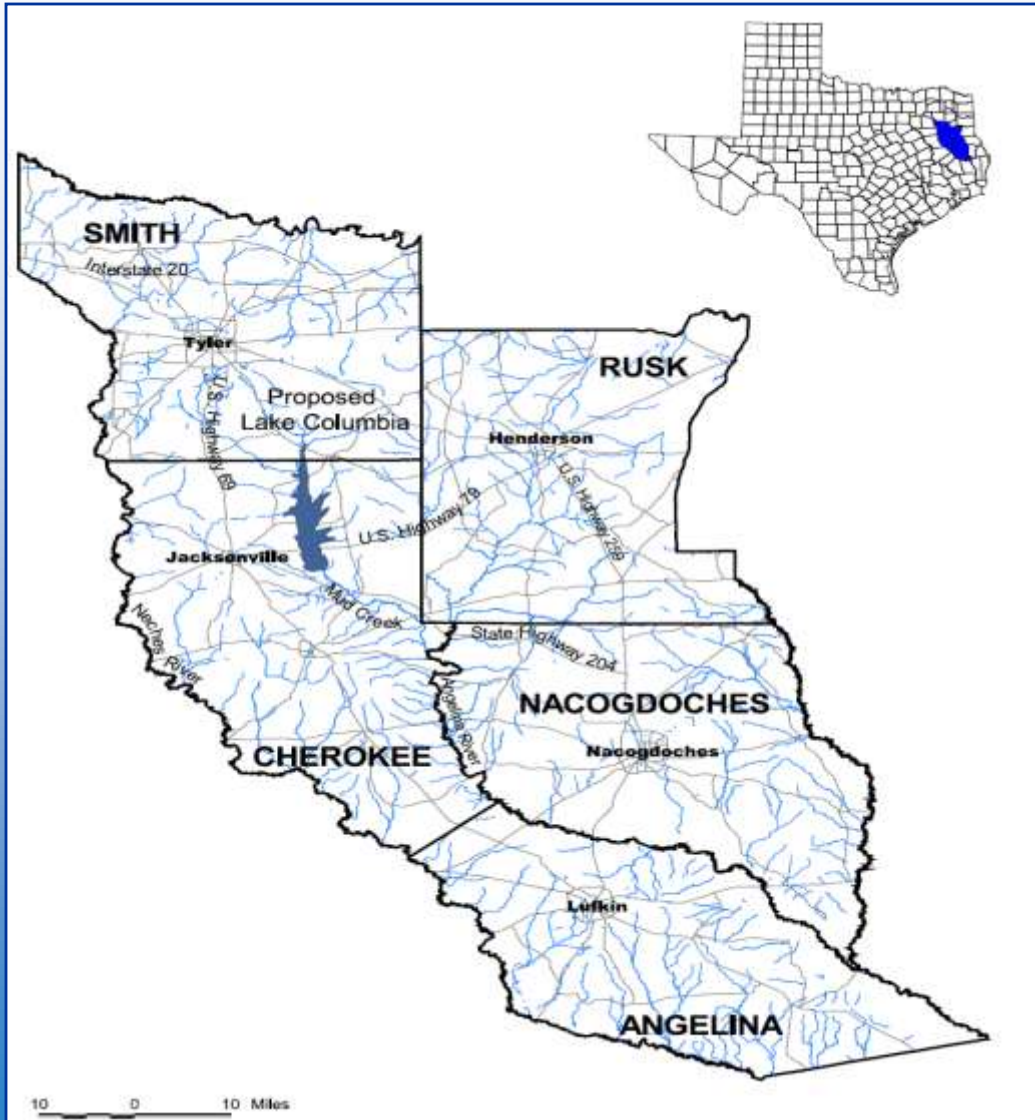
Angelina & Neches River Authority



Service Area



Angelina & Neches River Authority



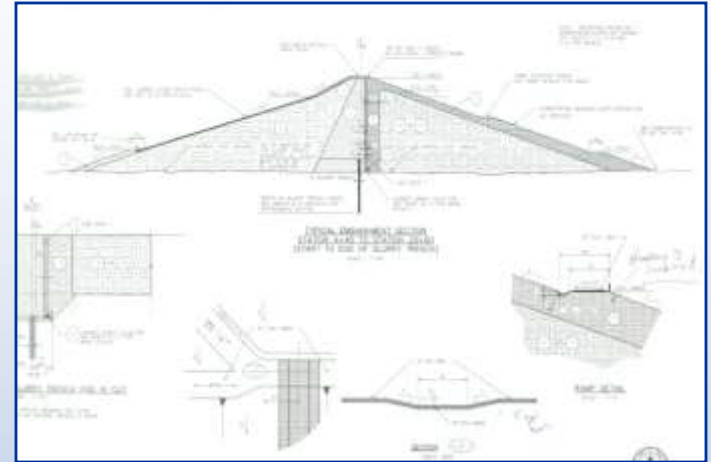
Project Participants

- Afton Grove WSC
- Alto, City of
- Arp, City of
- Blackjack WSC
- Caro WSC
- Cherokee County
- Jackson WSC
- Jacksonville, City of
- Nacogdoches, City of
- New London, City of
- New Summerfield, City of
- North Cherokee WSC
- Rusk, City of
- Rusk Rural WSC
- Stryker Lake WSC
- Temple-inland, Corp.
- Troup, City of
- Whitehouse, City of
- Texas Water Dev. Board

Project Facts

- **Dam**

- 6,800 feet long
- 67 feet high
- 164 acre foot print
- 3.6 million yd³ of above grade fill



- **Lake**

- 384 square mile watershed
- 315 ft NGVD, Normal Pool = 10,133 surface acres
- 318 ft. NGVD, Fee Simple Purchase = 11,500 surface acres
- 94.5 miles shoreline

Water Right



- **Granted in June 1985**
- **195,500 acre/ft storage**
- **85,507 acre/ft Annual Firm Yield**
 - **55,507 acre/ft for municipal use**
 - **2,000 acre/ft for transfer to Sabine Basin**
 - **30,000 acre/ft for industrial use**
- **Pass through provisions for:**
 - **Down stream customers**
 - **Senior water rights holders**
 - **Maximum diversion rate of 367.5 cfs (160,000 gpm)**
 - **Bed and Banks for down stream releases**

Milestones



- **1978 – Planning for Lake Columbia (*Eastex*) began**
- **1985 - Water Right Permit issued for municipal/industrial use**
- **2000 – Application filed for 404 Permit (Corps of Engineers)**
- **2003 – renamed “Columbia” to honor the Space Shuttle disaster**
- **2004 – EIS kicked off by Corps**
- **2010 – Draft EIS published for comment**

Project Benefits



- **Employment**

- 675 temporary construction related jobs, \$73 million payroll
- 32 permanent operations jobs (ANRA)
- 361 permanent jobs generated by recreational spending of \$33.7 million
- 372 permanent goods and services jobs, \$8.1 million annual payroll
- \$34.6 million annual increase in local revenues
- Annual tax revenue increases: \$1.7 million state/local, \$1.8 million federal

- **Recreation**

- 11,000 acres (approx.) converted to lake and residential use
- 6,000 acres wetlands transfer to Big Thicket National Preserve

- **Ecological**

- 9,600 acres of wetlands protected (1.7:1)
- Watershed protected by *Lake Columbia Water Quality Regulations*

DEIS Comment Schedule



The Next 60 Days:

- **January 29, 2010 – Begin comment period**
- **March 1 – Public information meeting**
 - Jacksonville, Texas from 5:00pm to 7:30pm
- **March 2 – Public hearing**
 - Jacksonville, Texas from 5:00pm to 7:30pm
- **April 3 – Comments due to Corps**
 - Comment period extended for EPA

From DEIS to FEIS

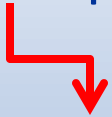
Corps receives comments (April 26, 2010)



Comments to EIS Contractor & ANRA



Responses prepared



Coordination/consultation with resource agencies



Incorporate comments/any add'l req'd info into FEIS



Publish Final EIS for comment

From FEIS to Permit



Resolve comments on FEIS, if any (typically minimal)

Corps prepares Record of Decision (ROD) (at least 30 days after FEIS)

ROD sent to TCEQ to address Water Quality Certification

Favorable ROD – Permit issued with or w/o conditions after receipt of WQ Certification

Unfavorable ROD – Permit denied, TCEQ closes WQ Certification

ANRA may appeal permit decision (33 CFR 331)

(“...there have been no appeals filed with the Fort Worth District USACE.” - <http://www.swf.usace.army.mil/pubdata/environ/regulatory/permitting/appeals.asp>)



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