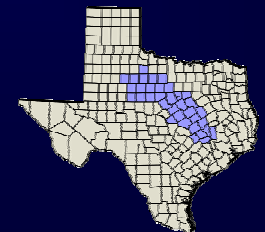


***Agenda Item 9.10A***  
***Update on***  
***Reservoir Analyses, Supplies, & Costs***

**January 19-20, 2005**



# ***Background***

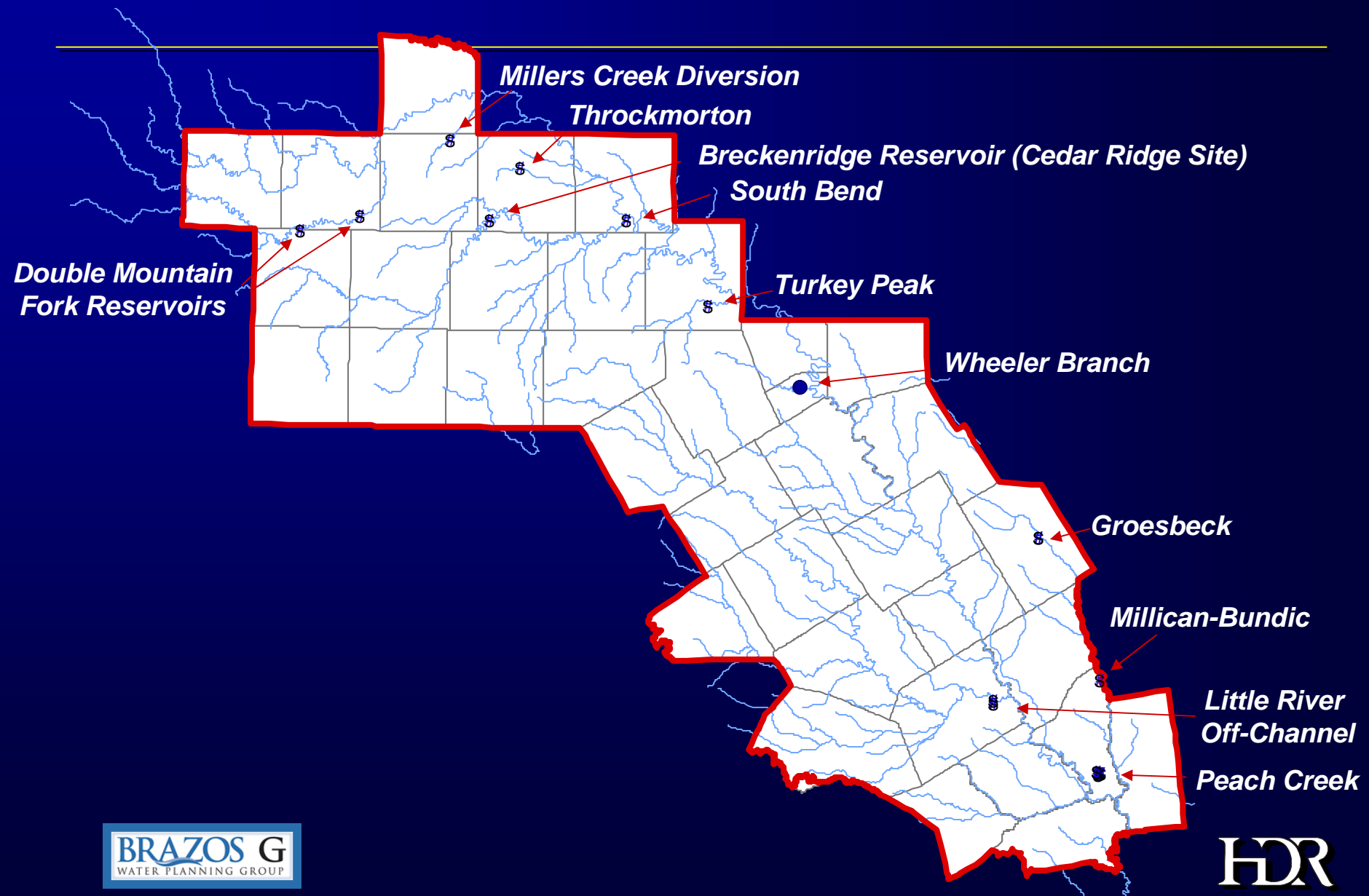
## **✓ October 2004**

- **Provided updated yields**
- **Updated costs provided for some projects**
- **Questions concerning differences in costs from 2001 (Groesbeck, Little River, Millican)**

## **✓ Today**

- **Present updated costs for all reservoir projects in scope**

# Reservoir Locations



# Reservoir Summary

<b>Reservoir</b>	<b>Yield (acft/yr)</b>	<b>Total Project Cost</b>	<b>Total Annual Cost</b>	<b>Unit Cost per acft</b>	<b>Unit Cost per 1,000 gallons</b>
<b>Off-Channel Reservoirs</b>					
Groesbeck (sub Limestone)	950	\$9,623,000	\$866,000	\$912	\$2.80
Little River (90")	29,000	\$90,882,000	\$7,475,000	\$258	\$0.79
Little River (108")	32,135	\$96,512,000	\$8,028,000	\$250	\$0.77
Millers Creek Diversion	<b>Next Presentation</b>				
Peach Creek	1,400	\$11,088,000	\$812,000	\$580	\$1.78
Peach Creek (w/ diversion)	3,980	\$30,910,000	\$2,834,000	\$712	\$2.19
Wheeler Branch	1,800	\$27,195,000	\$2,117,000	\$1,176	\$3.61

# Reservoir Summary

<b>Reservoir</b>	<b>Yield (acft/yr)</b>	<b>Total Project Cost</b>	<b>Total Annual Cost</b>	<b>Unit Cost per acft</b>	<b>Unit Cost per 1,000 gallons</b>
<b>On-Channel Reservoirs</b>					
Cedar Ridge (sub PK)	31,909 (safe)	\$82,755,000	\$6,696,000	\$210	\$0.64
South Bend	45,025	\$259,163,000	\$18,826,000	\$418	\$1.28
Millican-Bundic	38,820	\$464,764,000	\$34,756,000	\$895	\$2.75
Turkey Peak	8,648	\$46,150,000	\$3,401,000	\$393	\$1.21
Double Mtn. Fork West (sub PK)	30,250 (safe)	\$115,189,000	\$8,844,000	\$292	\$0.89
Double Mtn. Fork East (sub PK)	33,300 (safe)	\$160,758,000	\$12,350,000	\$371	\$1.14
Throckmorton (sub PK)	3,100 (safe)	\$21,488,000	\$1,581,000	\$510	\$1.57
Little River (330')	124,000	\$423,258,000	\$29,885,000	\$241	\$0.74

# ***What's Next?***

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- ✓ **Complete Millers Creek Diversion costing**
- ✓ **HDR complete writeups**
  - **Draft form essentially complete pending cleanup of environmental sections**
  - **Little River and Millican undergoing more extensive environmental/cultural analysis**
- ✓ **Draft writeups posted on website in February for review**
- ✓ **HDR to add reservoir options to plans for WUGs and Wholesale Water Providers as appropriate**

# Questions?

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