

WHY DALLAS-FORT WORTH AREA DO NOT NEED ADDITIONAL RESERVOIRS

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I want to illustrate very briefly how thoroughly new reservoirs are not needed to meet the future water demands for Dallas-Fort Worth-North Texas.

The most telling statistic in the Region C Water Plan, adopted in April by the Texas Water Development Board, is the difference between the projected demand for Region C in 2060 and the total amount of water supply recommended in the plan for 2060.

The Region C Water Plan includes a projected total water demand for the year 2060 of 3.3 million acre-feet per year (AFY). This includes a **projected municipal water use of 2.9 million AFY** for 13.1 million projected people. This would be a daily per person water use of **197 gallons per capita per day (gpcd)**. That's 41% more than the state's target! Even the most trivial conservation effort would get DFW's gpcd down well below that. The 3.3 million AFY is inflated by at least half a million acre-feet per year.

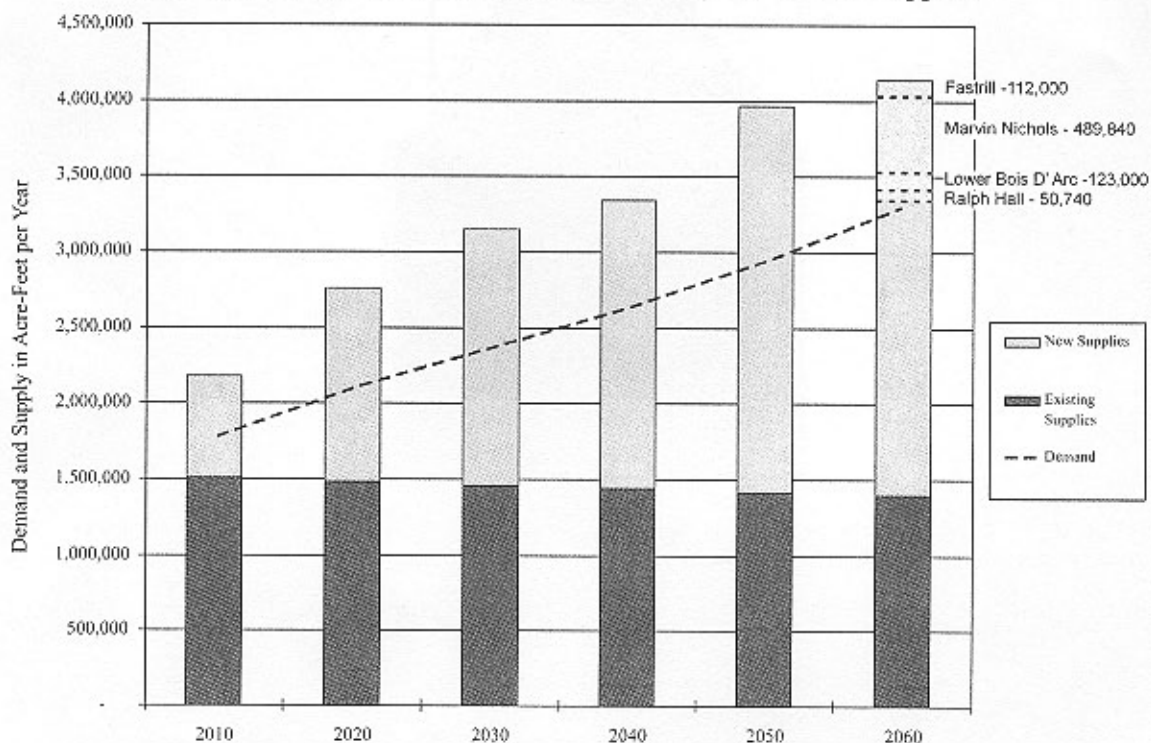
Not content with an inflated 3.3 million AFY, however, **the Region C Plan recommends 4.1 million acre-feet per year** in future water management strategies that would provide a total supply of by the year 2060.

That's an oversupply of more than 834,000 AFY (25%) above the projected demand.

The four new reservoirs recommended for the DFW-North Texas area would yield approximately that same 800,000 AFY, showing clearly that none of them is needed. The four reservoirs would cost **more than \$3 billion!**

If Dallas ever does need more water, there are a number of **existing** reservoirs with unused water that Dallas could tap at a price per unit of water that would be comparable to the cost of building Marvin Nichols.

Figure ES.6
Supply and Demand for Region C with Development of New Supplies



source: Jan. 2006 Region C water plan, with annotations by National Wildlife Federation.