

Water Supply Resource Report Update


Water Operations Committee Meeting
Feb. 18, 2026



Need for New Water Supply in the Lower Colorado River's Upper Basin (Highland Lakes to Wharton)

**Targeted new firm water supply for upper basin
of about 60,000 acre-feet per year by 2040**

Water Supply Strategy Evaluation

STRATEGY		FIRM SUPPLY (Acre-Foot Per Year)	CONCEPTUAL-LEVEL CAPITAL COST*	CONCEPTUAL-LEVEL UNIT COST PER ACRE- FOOT*	TIME TO IMPLEMENT (Years)
<div style="text-align: center;">  <p>2</p> <p>System optimization and new Colorado River supplies</p> </div>	Aquifer Storage and Recovery	22,000	\$1 billion	\$3,500	12-20
	Bastrop County Off-Channel Reservoir (OCR) (60,000 acre-feet storage)	35,000	\$1.8 billion	\$3,800	12-24
	Fayette County OCR (48,000 acre-feet storage)	29,000	\$2.3 billion	\$6,000	13-26
	Baylor Creek Reservoir (48,000 acre-feet storage)	29,000	\$1.8 billion	\$4,800	19-36
	Lower Basin OCR (48,000 acre-feet storage)	49,000	\$3.4 billion	\$5,300	14-27
	Lower Basin OCR (80,000 acre-feet storage)	73,000	\$4.1 billion	\$4,200	14-27
	Arbuckle Pipeline with Fayette County OCR (48,000 acre-feet storage)	58,000	\$4 billion	\$5,200	14-27
	Arbuckle Pipeline with Lower Basin OCR (48,000 acre-feet storage)	72,000	\$4.5 billion	\$4,700	14-27

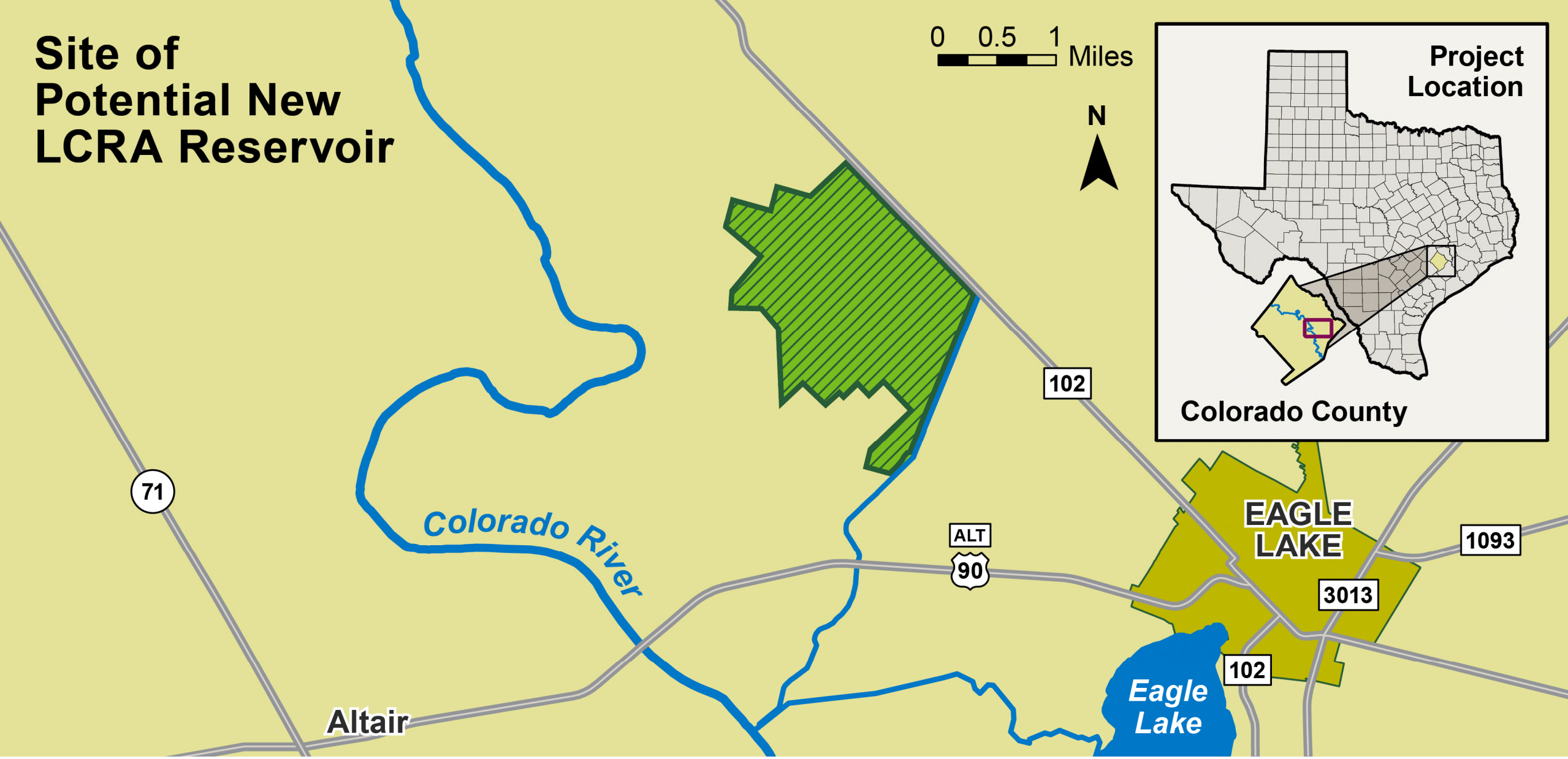
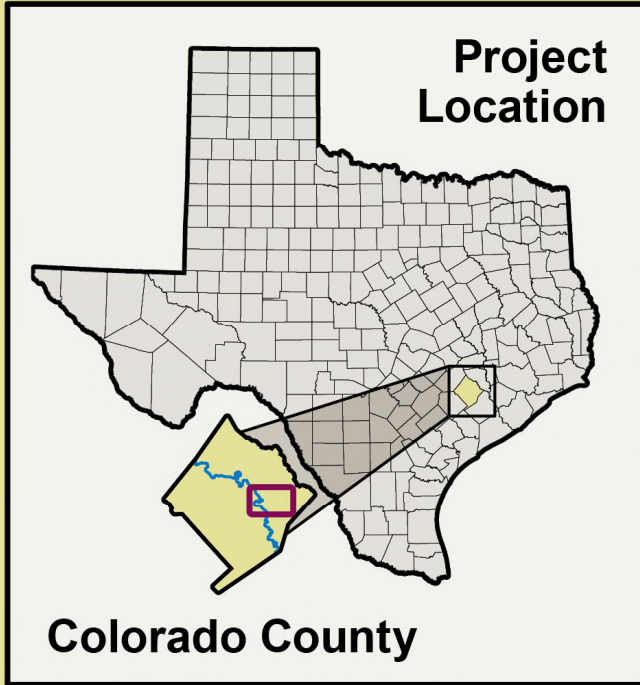
*September 2023 dollars

Drone Video



Site of Potential New LCRA Reservoir

0 0.5 1 Miles



Potential new reservoir



City of Eagle Lake

What's Next

- **Preliminary analysis – in progress**
- **Design**
- **Federal and state permitting**
- **Construction**



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