



NORTH  
TEXAS  
MUNICIPAL  
WATER  
DISTRICT

Regional Service Through Unity... Meeting our Region's Needs Today and Tomorrow



# LONG RANGE WATER SUPPLY WORK SESSION

**May 19, 2022**



## LONG RANGE WATER SUPPLY WORK SESSION

### Work Session Purpose

Review NTMWD short term and long term water needs

Provide detailed update on potential water supply

# WATER NEEDS



## INTRODUCTION

# Background for Today's Discussion

Need additional supply online by 2036

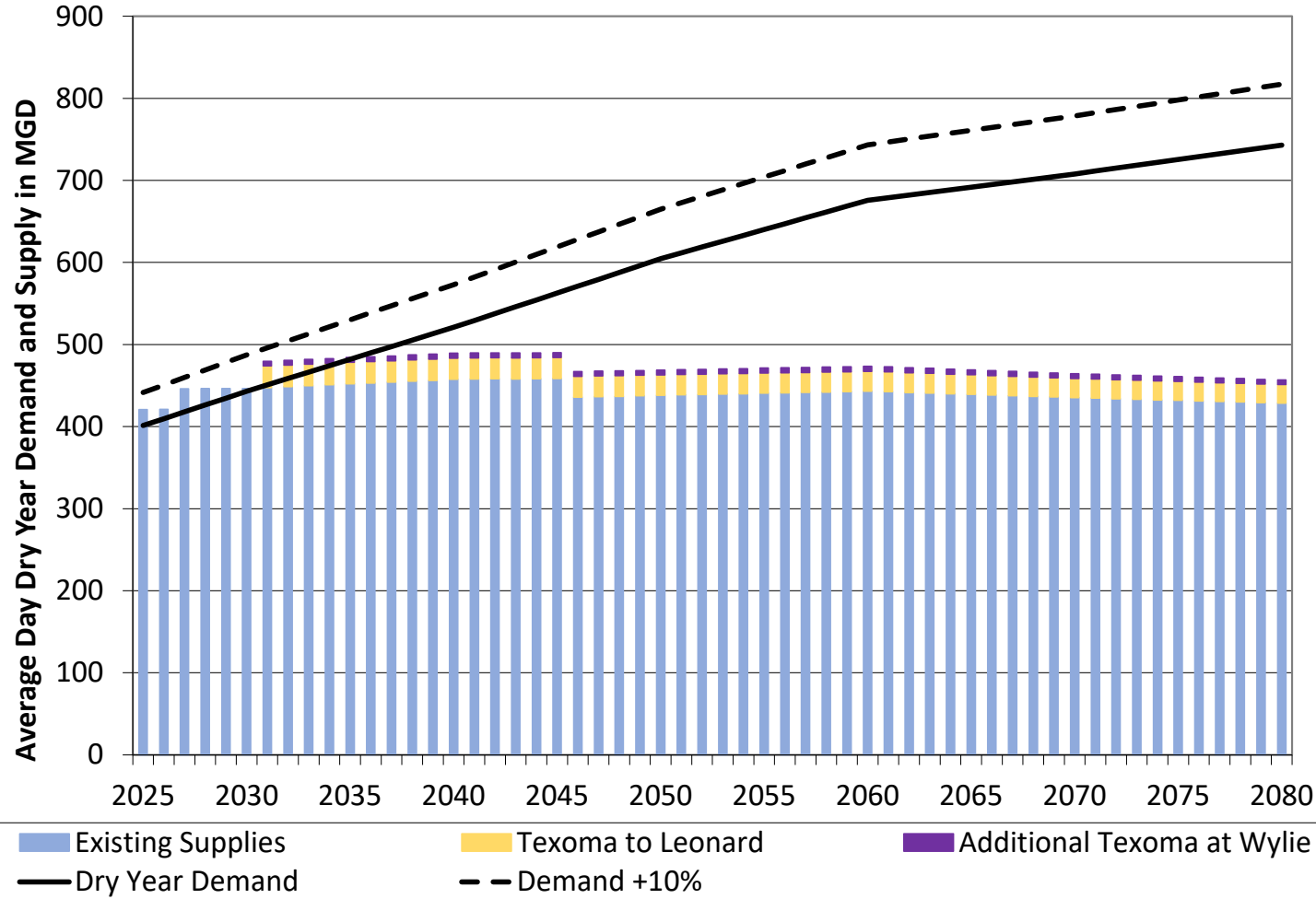
Demands will continue to grow

Funding for new water supplies and infrastructure in CIP

Near Term alternatives



# CURRENT DRY YEAR SUPPLIES AND PROJECTED DRY YEAR DEMANDS



## Dry Year Supply Gap

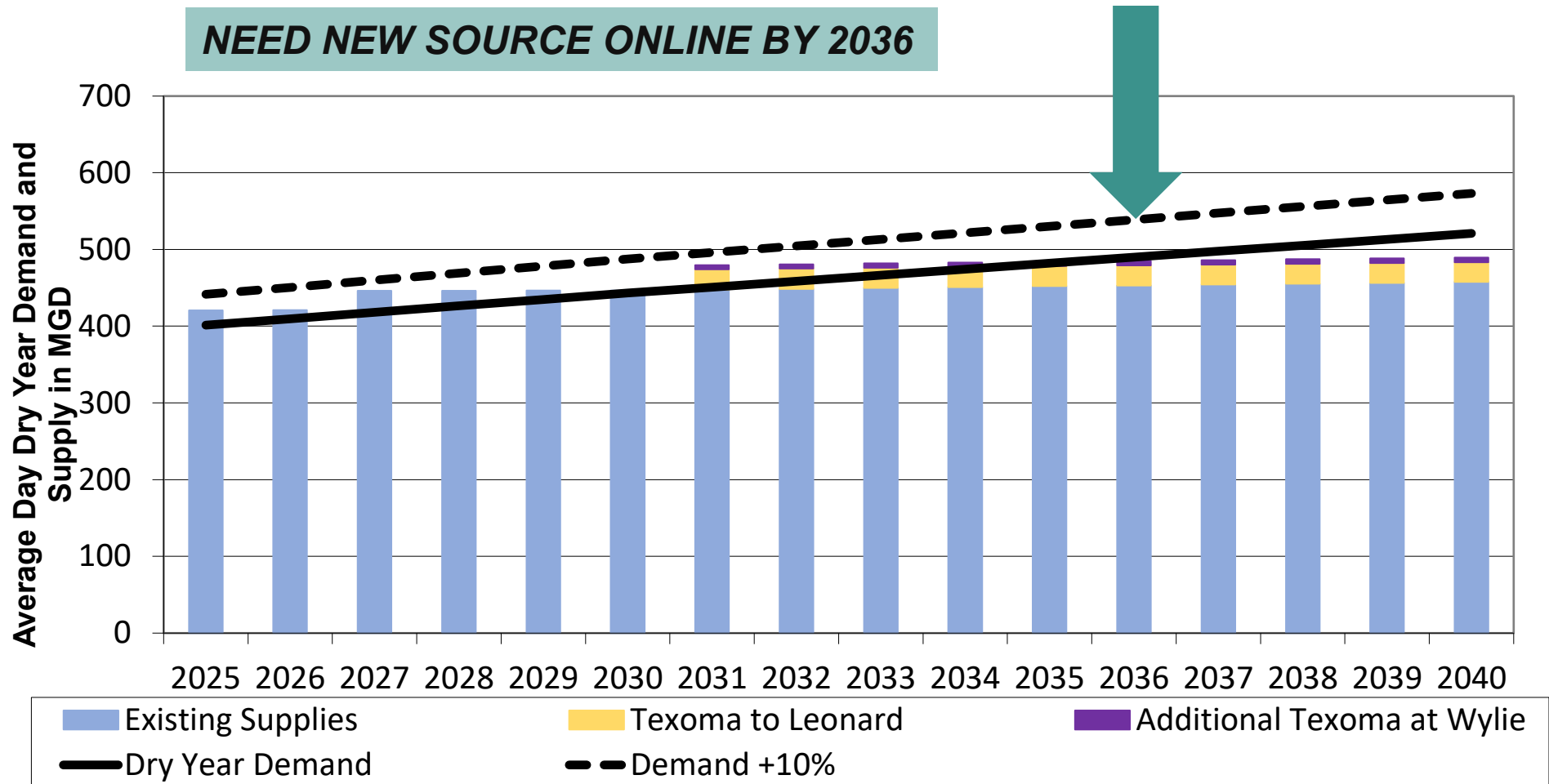
2025	0 MGD
2030	0 MGD
2040	31 MGD
2050	136 MGD
2060	202 MGD
2070	243 MGD
2080	286 MGD

## Dry Year Supply Gap with 10% Allowance for Uncertainty

2025	21 MGD
2030	41 MGD
2040	84 MGD
2050	196 MGD
2060	270 MGD
2070	314 MGD
2080	360 MGD



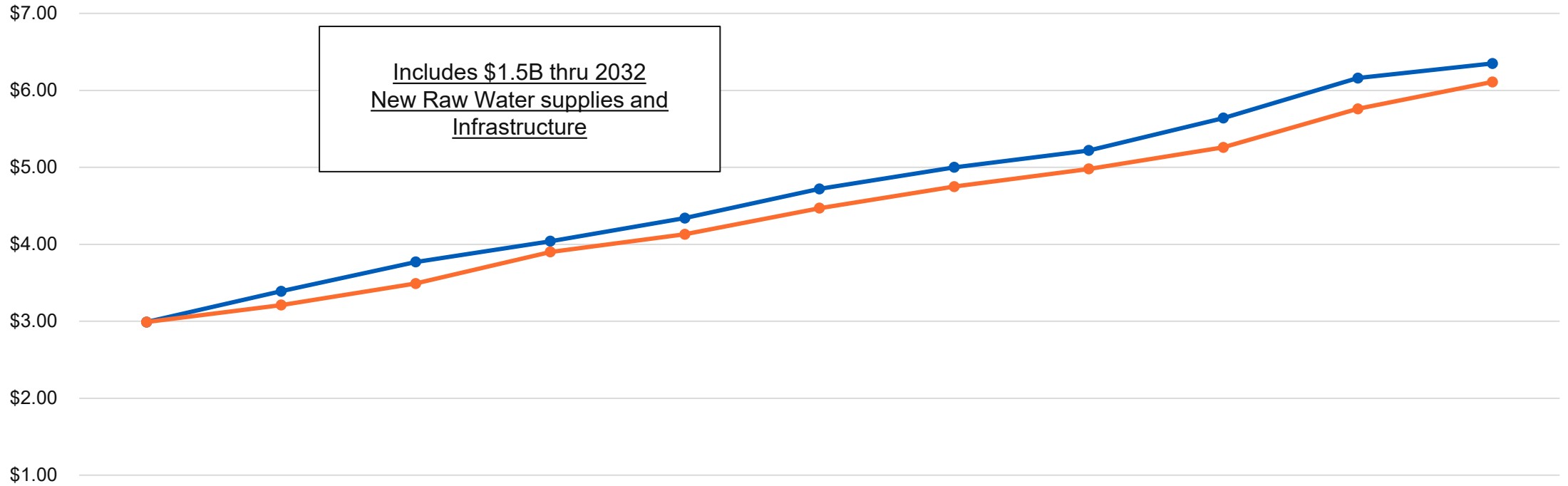
# NEAR TERM DRY YEAR CURRENT SUPPLIES AND PROJECTED DRY YEAR DEMANDS





# FUNDING FOR NEW WATER SUPPLIES AND INFRASTRUCTURE IN CIP

**Regional Water System  
Member Cost Per 1,000 Gallons**



	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
● Current	\$2.99	\$3.39	\$3.77	\$4.04	\$4.34	\$4.72	\$5.00	\$5.22	\$5.64	\$6.16	\$6.35
		13%	11%	7%	7%	9%	6%	4%	8%	9%	3%
● 3/9/2022	\$2.99	\$3.21	\$3.49	\$3.90	\$4.13	\$4.47	\$4.75	\$4.98	\$5.26	\$5.76	\$6.11
		7%	9%	12%	6%	8%	6%	5%	6%	10%	6%



# FUNDING FOR NEW WATER SUPPLIES AND INFRASTRUCTURE IN CIP

Regional Water System CIP

