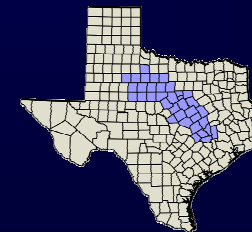


Agenda Item 8.10
Consider Needs to Include Moderate
Surplus Supply for WUGs with
Marginal Surpluses

August 11-12, 2004

BRAZOS G
WATER PLANNING GROUP

HDR

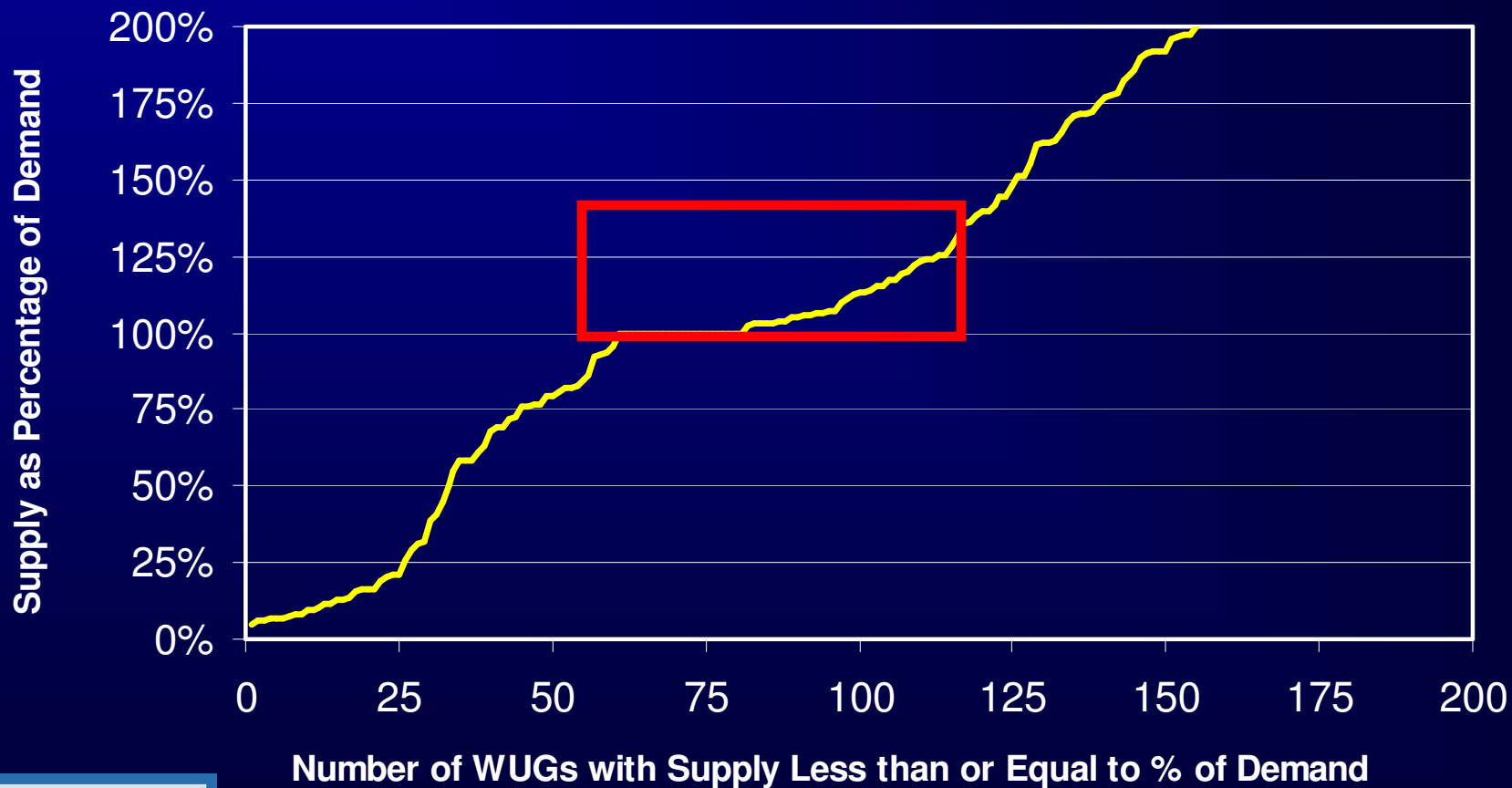


Brazos G Supplies/Demands

- ✓ **Inherent inaccuracies in demand & supply projections**
- ✓ **Many municipal WUGs have surpluses barely in excess of projected supply**
- ✓ **Consider how 2006 Brazos G RWP will account for future uncertainties with regard to marginal surpluses**

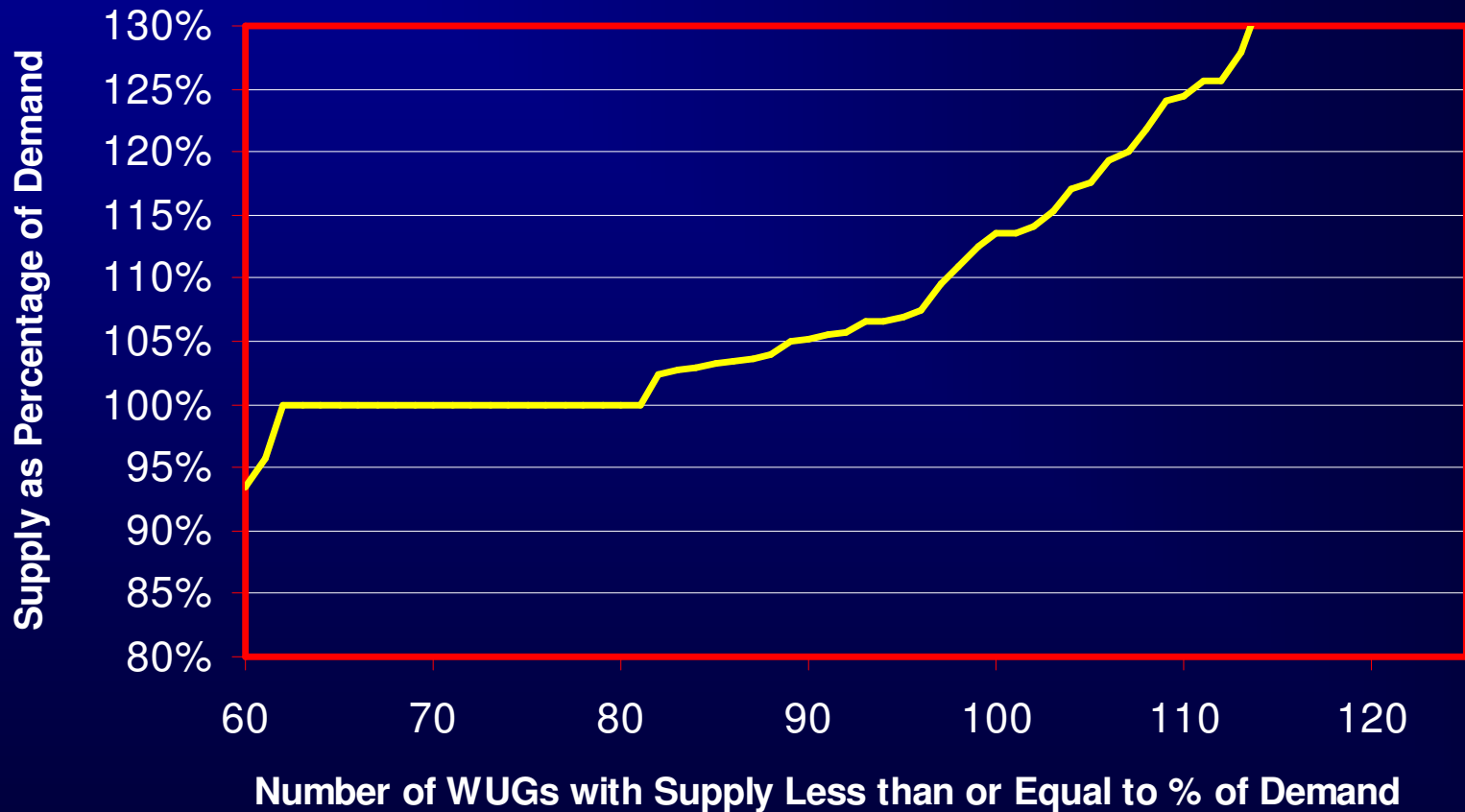
2030 Supplies & Demands

Municipal WUG Year 2030 Supplies



2030 Supplies & Demands

Municipal WUG Year 2030 Supplies



WUGs With Small Surpluses

WUG Name	2030 Demand (acft)	2030 Supply (acft)	Surplus (acft)	Supply as % of Demand
ABILENE	23,507	27,063	3,556	115%
ASPERMONT	179	188	9	105%
BELLMEAD	2,873	2,986	113	104%
BISTON MWSD	144	148	4	103%
BRANDON-IRENE WSC	255	306	51	120%
BRECKENRIDGE	1,215	1,497	282	123%
BRUCEVILLE-EDDY	1,081	1,116	35	103%
BRUSHY CREEK MUD	3,869	3,978	109	103%
BRYAN	14,221	15,152	931	107%
FORT BELKNAPP WSC	340	348	8	102%
GATESVILLE	4,850	5,026	176	104%
GLEN ROSE	572	610	38	107%
GRANDVIEW	229	284	55	124%
GROESBECK	1,006	1,142	136	114%
HEWITT	2,395	2,518	123	105%

WUGs With Small Surpluses (2)

WUG Name	2030 Demand (acft)	2030 Supply (acft)	Surplus (acft)	Supply as % of Demand
HICO	276	323	47	117%
ITASCA	194	228	34	118%
JOHNSON COUNTY RURAL WSC	11,969	13,476	1,507	113%
JONAH WATER SUD	2,804	3,347	543	119%
KILLEEN	25,837	29,798	3,961	115%
LAKE WHITNEY WATER COMPANY	975	1,008	33	103%
LAMPASAS	1,579	1,792	213	113%
MANVILLE WSC	1,963	2,389	426	122%
MILANO WSC	431	536	105	124%
MOODY	203	217	14	107%
RULE	72	76	4	106%
SNOOK	167	183	16	110%
SOMERVILLE	353	403	50	114%
THORNDALE	213	225	12	106%
WHITNEY	355	394	39	111%
WOODWAY	2903	3117	214	107%

Alternative Approaches

1. Do nothing assuming 5-year cycle will adjust
2. Include “local strategies” when WUGs have already identified plans to increase supply
3. Plan for needs to include safety factor

Safety Factor	# WUGs	Needs (acft)
0%	60	48,491
10%	97	62,966
15%	102	75,729
25%	112	101,528

Discussion
