

Excess Pipeline Capacity

| <u>Pipeline</u> Completion Date | Size | Capacity | Peak Day Demand as of September 30, 2006 | Projected 2022 High Demand | Utilized Capacity High Demand | Line Size for 2022 High Demand |
|--|------|-----------|--|-------------------------------------|--|---|
| <u>Celina</u> September 9, 2004 | 30" | 22.01 mgd | 1.27 mgd | 11.5 mgd | 52% | 22" |
| <u>Castle Hills</u> Mid 1990's | 24" | 14.2 mgd | 2.68 mgd | 5 mgd | 35% | 16" |
| <u>Southwest Regional - Section 2</u> May 1, 2003 | 48" | 56.8 mgd | 0 mgd | 19.9 mgd | 35% | 30" |

Capacity Calculated based on pipe diameter and maximum velocity of 7 fps (Source: Southwest Regional Pipeline Sizing Study, CH2M Hill)

Demand taken from projections included in Rate Study by Rick Giardina Associates, Inc. dated September 2004