

**WUG:** City of Riesel  
**Strategy:** Additional Purchase from RMS WSC  
**Source:** RMS WSC (Trinity Groundwater)  
**Facilities:** None, existing infrastructure assumed sufficient  
**Total Capital Cost:** N/A  
**Total Project Cost:** N/A  
**Total Annual Cost:** \$19,540  
**Available Project Yield:** 20 acft/yr  
**Annual Cost of Water:** \$ 977 per acft/yr or \$ 3.03 per 1,000 gal (RMS-WSC Wholesale Costs)

This project will include a contract increase of up to 20 additional acft/yr utilizing existing infrastructure from RMS WSC to the City of Riesel.

**WUG:** City of Woodway  
**Strategy:** Additional Purchase from Bluebonnet WSC  
**Source:** Bluebonnet WSC  
**Facilities:** None, existing infrastructure assumed sufficient  
**Total Capital Cost:** N/A  
**Total Project Cost:** N/A  
**Total Annual Cost:** \$51,500  
**Available Project Yield:** 103 acft/yr  
**Annual Cost of Water:** \$ 500 per acft/yr or \$ 1.55 per 1,000 gal (Bluebonnet WSC Wholesale Costs)

This project will include a contract increase of up to 103 additional acft/yr utilizing existing infrastructure from Bluebonnet WSC to the City of Woodway.

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|--|---|--|
| <b>WUG:</b>                            | McLennan County-Other (various utilities) and City of Riesel                  |  |
| <b>Strategy:</b>                       | Purchase treated water from City of Waco (McLennan County Arsenic Mitigation) |  |
| <b>Source:</b>                         | City of Waco  |  |
| <b>Facilities:</b>                     | Pump Stations, storage tanks, transmission pipelines                          |  |
| <b>WUG:</b>                            | McLennan County-Other   | City of Riesel                                 |
| <b>Total Capital Cost:</b>             | \$9,756,000   | \$643,000                                      |
| <b>Total Project Cost:</b>             | \$14,802,000  | \$1,000,000                                    |
| <b>Total Annual Cost:</b>              | \$2,357,000   | \$170,000                                      |
| <b>Available Project Yield (2020):</b> | 972   | 78   |
| <b>Annual Cost of Water:</b>           | \$2,425 per acft/yr or<br>\$7.44 per 1,000 gal                                | \$2,179 per acft/yr or<br>\$6.69 per 1,000 gal |



This project will include an interconnection from the City of Waco to the City of Riesel and to several smaller utilities included in McLennan County-Other (Axtell WSC, Birome WSC (Plant 5 only), Elk Oak Lake WSC, H & H WSC, Leroy-Tours-Gerald WSC, Moore Water System, Meier Settlement WSC, Prairie Hill WSC, and Riesel-Meier Settlement WSC). This strategy will provide blending water to mitigate elevated concentrations of arsenic in existing water supplies. Note that H & H WSC has not experienced elevated levels of arsenic, but has chosen to participate to augment existing supplies. Infrastructure needs include 36 miles of 6-, 8-, and 12-inch diameter transmission pipelines, three pump stations and three storage tanks. Water will be purchased from the City of Waco at an estimated wholesale rate of \$979/acft. The strategy will have no adverse environmental impacts because all facilities will be designed to avoid sensitive environmental areas. Existing supplies from Lake Waco will be utilized, resulting in no additional impacts to instream flows or discharges into bays and estuaries.

### 12.4.11 Nolan County

**WUG:** City of Sweetwater

**Strategy:** Purchase water from City of Abilene

**Source:** City of Abilene

**Facilities:** Pump Station, storage tank, transmission pipeline

**Total Capital Cost:** \$8,311,000

**Total Project Cost:** \$13,036,000

**Total Annual Cost:** \$1,448,000

**Available Project Yield:** 1,777 acft/yr

**Annual Cost of Water:** \$ 815 per acft/yr or \$ 2.50 per 1,000 gal

This project will include an interconnection between the City of Abilene and the City of Sweetwater including 40 miles of 6 inch diameter transmission pipeline, a pump station and storage tank. Water will be purchased from the City of Abilene at an estimated wholesale rate of \$100/acft. Project costs to be shared between the two entities.

**WUG:** Nolan County-Other

**Strategy:** Additional Purchase from the City of Sweetwater

**Source:** Oak Creek Reservoir

**Facilities:** None, existing infrastructure assumed sufficient

**Total Capital Cost:** N/A

**Total Project Cost:** N/A

**Total Annual Cost:** \$173,208

**Available Project Yield:** firm up existing contract of 168 acft/yr

**Annual Cost of Water:** \$ 1,031 per acft/yr or \$ 3.20 per 1,000 gal (City of Sweetwater Wholesale Costs)

Sweetwater's Oak Creek Reservoir conjunctive use project with subordination will firm up the existing contract with City of Blackwell (Nolan County-Other entity). Delivery of supplies uses utilizing existing infrastructure from the City of Sweetwater.