

## TABLE OF CONTENTS

<b>3.0</b>	<b><u>Evaluation of Current Water Supplies in the Region</u></b> .....	<b>74</b>
<b>3.1</b>	<b><u>Surface Water Supplies</u></b> .....	<b>74</b>
	<i>Table 3.1: TWDB Reservoir Volumetric Surveys for Reservoirs in the North East Texas Region</i> ....	76
	3.1(a) <u>Sabine River Basin</u> .....	76
	<i>Table 3.2: Sabine Basin Surface Water Supplies</i> .....	76
	3.1(b) <u>Red River Basin</u> .....	78
	<i>Table 3.3: Red River Basin Surface Water Supplies</i> .....	78
	3.1(c) <u>Sulphur River Basin</u> .....	79
	<i>Table 3.4: Sulphur River Basin Surface Water Supplies</i> .....	79
	3.1(d) <u>Cypress Creek Basin</u> .....	80
	<i>Table 3.5: Cypress River Basin Surface Water Supplies</i> .....	81
	3.1(e) <u>Neches River Basin</u> .....	82
	3.1(f) <u>Trinity River Basin</u> .....	83
	<i>Table 3.6: Trinity River Basin Surface Water Supplies</i> .....	83
<b>3.2</b>	<b><u>Groundwater Supplies</u></b> .....	<b>83</b>
	3.2(a) <u>Discussion of Groundwater Availability Estimation Methods</u> .....	83
	3.2(b) <u>Method Selected for Estimating Groundwater Supply in the NE Texas Region</u> .....	85
	3.2(c) <u>Summary of Groundwater Availability by Aquifer</u> .....	85
	<i>Table 3.7: Groundwater Availability by Basin and County for the Blossom Aquifer</i> .....	86
	<i>Table 3.8: Groundwater Availability by Basin and County for the Carrizo-Wilcox Aquifer</i> .....	87
	<i>Table 3.9: Groundwater Availability by Basin and County for the Nacatoch Aquifer</i> .....	88
	<i>Table 3.10: Groundwater Availability by Basin and County for the Queen City Aquifer</i> .....	89
	<i>Table 3.11: Groundwater Availability by Basin and County for the Trinity Aquifer</i> .....	89
	<i>Table 3.12: Groundwater Availability by Basin and County for the Woodbine Aquifer</i> .....	90
	3.2(d) <u>Summary of Groundwater Availability by River Basin</u> .....	90
	<i>Table 3.13: Groundwater Availability by Aquifer and River Basin for the NE Texas Region</i> .....	90
<b>3.3</b>	<b><u>Supplies Currently Available to Each Water User Group</u></b> .....	<b>91</b>
	3.3(a) <u>Discussion of Water User Supply Determination</u> .....	91
	3.3(b) <u>Regional Municipal Supply</u> .....	92
	<i>Table 3.15: Regional Municipal Water Supply</i> .....	92
	3.3(c) <u>Regional Manufacturing Supply</u> .....	93
	<i>Table 3.16: Regional Manufacturing Supply</i> .....	93
	3.3(d) <u>Regional Irrigation Supply</u> .....	94
	<i>Table 3.17: Regional Irrigation Water Supply</i> .....	94
	3.3(e) <u>Regional Steam Electric Supply</u> .....	95
	<i>Table 3.18: Regional Steam Electric Water Supply</i> .....	95
	3.3(f) <u>Regional Mining Supply</u> .....	96
	<i>Table 3.19: Regional Mining Water Supply</i> .....	96
	3.3(g) <u>Regional Livestock Supply</u> .....	97
	<i>Table 3.20: Regional Livestock Water Supply</i> .....	97

**3.4 Supply by County..... 97**

3.4(a) Bowie County Water Supply ..... 97  
*Table 3.21: Bowie County Water Supply* ..... 98  
3.4(b) Camp County Water Supply ..... 98  
*Table 3.22: Camp County Water Supply* ..... 99  
3.4(c) Cass County Water Supply ..... 99  
*Table 3.23: Cass County Water Supply* ..... 99  
3.4(d) Delta County Water Supply ..... 100  
*Table 3.24: Delta County Water Supply* ..... 100  
3.4(e) Franklin County ..... 100  
*Table 3.25: Franklin County* ..... 101  
3.4(f) Gregg County Water Supply ..... 101  
*Table 3.26: Gregg County Water Supply* ..... 102  
3.4(g) Harrison County Water Supply ..... 102  
*Table 3.27: Harrison County Water Supply* ..... 103  
3.4(h) Hopkins County Water Supply ..... 103  
*Table 3.28: Hopkins County Water Supply* ..... 104  
3.4(i) Hunt County Water Supply ..... 104  
*Table 3.29: Hunt County Water Supply* ..... 105  
3.4(j) Lamar County Water Supply ..... 105  
*Table 3.30: Lamar County Water Supply* ..... 106  
3.4(k) Marion County Water Supply ..... 106  
*Table 3.31: Marion County Water Supply* ..... 107  
3.4(l) Morris County Water Supply ..... 107  
*Table 3.32: Morris County Water Supply* ..... 108  
3.4(m) Rains County Water Supply ..... 108  
*Table 3.33: Rains County Water Supply* ..... 109  
3.4(n) Red River County Water Supply ..... 109  
*Table 3.34: Red River County Water Supply* ..... 109  
3.4(o) Smith County Water Supply ..... 110  
*Table 3.35: Smith County Water Supply* ..... 110  
3.4(p) Titus County Water Supply ..... 110  
*Table 3.36: Titus County Water Supply* ..... 111  
3.4(q) Upshur County Water Supply ..... 111  
*Table 3.37: Upshur County Water Supply* ..... 112  
3.4(r) Van Zandt County Water Supply ..... 112  
*Table 3.38: Van Zandt County Water Supply* ..... 113  
3.4(s) Wood County Water Supply ..... 113  
*Table 3.39: Wood County Water Supply* ..... 114

**3.5 Supply by River Basin ..... 114**

*Table 3.40: Municipal Water Supply by River Basin* ..... 114  
*Table 3.41: Manufacturing Water Supply by River Basin* ..... 115  
*Table 3.42: Steam Electric Water Supplies by River Basin* ..... 115  
*Table 3.43: Mining Water Supplies by River Basin* ..... 115  
*Table 3.44: Irrigation Water Supplies by River Basin* ..... 115  
*Table 3.45: Livestock Water Supplies by River Basin* ..... 116  
3.5(a) Estimates of Supplies Currently Available to Each Designated Mjr. Wtr. Provider . 116  
*Table 3.46: Cherokee Water Company* ..... 116

<i>Table 3.47: Franklin County Water District</i> .....	116
<i>Table 3.48: North East Texas Municipal Water District</i> .....	116
<i>Table 3.49: Sabine River Authority</i> .....	117
<i>Table 3.50: Titus County Freshwater Supply District No. 1</i> .....	117
<i>Table 3.51: City of Greenville</i> .....	117
<i>Table 3.52: City of Longview</i> .....	117
<i>Table 3.53: City of Marshall</i> .....	117
<i>Table 3.54: City of Mt. Pleasant</i> .....	118
<i>Table 3.55: City of Paris</i> .....	118
<i>Table 3.56: City of Sulphur Springs</i> .....	118
<i>Table 3.57: City of Texarkana</i> .....	118
Sources .....	119