

NORTH EAST TEXAS REGIONAL WATER PLANNING GROUP - D

Executive Committee

Bret McCoy
Chair

Don Hightower
Vice Chair

Bob Staton
Secretary

Shirley Shumake
At-Large

Jim Eidson
At-Large

Voting Members

Adam Bradley
Agriculture

Michael K. Brown
Municipalities

Greg Carter
Electric Generation

Nancy Clements
Agriculture

Darwin Douthit
Agriculture

Jeremy DuMond
Industrial

Mike Dunn
Municipalities

Charles Gillis
Environmental

Darrell Grubbs
Water Districts

Troy Henry
River Authorities

Robert Holt
Public

Sam V. Long
Counties

Sharron Nabors
Agriculture

Jim Nickerson
Industrial

Don Patterson
Counties

Linda Price
Industrial

Ken Shaw
Industrial

Kevin Spence
Water Utilities

Doug Wadley
Industrial

September 30, 2010

Temple McKinnon, Region D Project Manager
Texas Water Development Board
P.O. Box 12321
Austin, Texas 78711

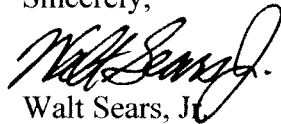
RE: Adoption of 2011 Regional Water Plan

Dear Temple,

Please find enclosed the submittal of the final errata, which is considered to be part of the adopted 2011 Regional Water Plan.

Thank you for your attention to this letter.

Sincerely,



Walt Sears, Jr.
General Manager
Northeast Texas Municipal Water District
Administrative Agency
North East Texas Regional Water Planning Group – Region D

RECEIVED

OCT 04 2010

TWDB

ADMINISTRATIVE AGENCY FOR NETRWPG

Mr. Walt Sears, Jr.
Northeast Texas Municipal Water District
P O Box 955, Hughes Springs, Texas 75656
Phone: 903-639-7538, Fax: 903-639-2208
Email: netmwd@aol.com

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

There may be slight numerical differences between the TWDB online planning database and the printed regional water plan due to rounding associated with the regional water plan preparation and online data entry. In any and all instances where numbers in the regional water plan and the online planning database do not match, the data in the online planning database (DB12) shall be considered correct and shall take precedence over the associated number in the regional water plan.

Executive Summary

(1) Correction to Volume I, Page ES-8, Executive Summary:

Page ES-8, Fifth Paragraph, Replace “32,682 ac-ft per year” with “30,527 ac-ft per year”

(2) Correction to Volume I, Page ES-7, Last Paragraph, Executive Summary:

Add: A summary of “Recommended Strategies” including estimated cost follows:

Region	Recommended Strategy	Capital Cost	First Decade of Water Strategy	First Decade Water Supply Volume (acre-foot/year)	First Decade Estimated Annual Average Unit Cost (\$/acre-foot/year)	Year 2060 Water Supply Volume (acre-foot/year)	Year 2060 Estimated Annual Average Unit Cost (\$/acre-foot/year)
D	DRILL NEW WELL	\$32,260,218.62	2010	1,094	\$2,341.72	6,757	\$335.78
D	INCREASE EXISTING CONTRACT	\$0.00	2010	1,576	\$591.38	48,743	\$475.76
D	NEW SURFACE WATER CONTRACT	\$6,247,885.73	2010	8,660	\$311.07	32,231	\$144.25
D	PURCHASE FROM WATER PROVIDER (1)	\$0.00	2010	54	\$332.37	300	\$332.37
D	PURCHASE FROM WATER PROVIDER (2)	\$0.00	2010	476	\$332.37	300	\$332.37
D	PURCHASE FROM WATER PROVIDER (3)	\$0.00	2020	315	\$332.37	457	\$332.37
D	ALTERNATIVE GRAND SALINE RESERVOIR	\$54,613,652.22	2030	29	\$225,204.28	161	\$11,401.84
D	ALTERNATIVE REUSE CITY OF CANTON	\$3,761,806.48	2030	29	\$18,396.88	161	\$1,617.41

Chapter 1

(1) Correction to Volume I, Table 1.10

Change “Mac Bee SUD” to “MacBee SUD”

Chapter 2

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

Chapter 3

(1) Correction to Volume 1, Pages 3-1 and 3-2, Table 3.1 Overall Water Supply by Source:
 Delete italicized values in Surface Water, Groundwater, and Total. Delete Irrigation from Table.
 Irrigation is included with Surface and Groundwater Totals.

Table 3.1 Overall Water Supply by Source

Overall Water Availability for Region D (ac-ft/yr)						
	2010	2020	2030	2040	2050	2060
Surface Water in Region D	<i>1,536,037</i>	<i>1,531,351</i>	<i>1,526,046</i>	<i>1,520,761</i>	<i>1,515,475</i>	<i>1,510,192</i>
Groundwater in Region D	<i>309,951</i>	<i>309,951</i>	<i>309,951</i>	<i>309,951</i>	<i>309,951</i>	<i>309,951</i>
Irrigation Local Supply	<i>13,271</i>	<i>13,256</i>	<i>13,243</i>	<i>13,111</i>	<i>12,801</i>	<i>12,788</i>
Livestock Local Supply	19,476	19,343	19,006	18,928	18,531	18,498
Other Local Supply	3,113	3,372	3,533	3,696	3,863	4,024
Direct Reuse	86,411	81,292	75,756	70,230	71,394	80,131
Total	<i>1,968,259</i>	<i>1,958,565</i>	<i>1,947,535</i>	<i>1,936,677</i>	<i>1,932,015</i>	<i>1,935,584</i>

Add values shown in Surface Water, Groundwater, and Total.

Table 3.1 Overall Water Supply by Source

Overall Water Availability for Region D (ac-ft/yr)						
	2010	2020	2030	2040	2050	2060
Surface Water in Region D	1,549,908	1,544,607	1,539,289	1,533,872	1,528,276	1,522,980
Groundwater in Region D	311,205	311,205	311,205	311,205	311,205	311,205
Livestock Local Supply	19,476	19,343	19,006	18,928	18,531	18,498
Other Local Supply	3,113	3,372	3,533	3,696	3,863	4,024
Direct Reuse	86,411	81,292	75,756	70,230	71,394	80,131
Total	1,970,113	1,959,819	1,948,789	1,937,931	1,933,269	1,936,838

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

(2) Correction to Volume 1, Page 3-4, Table 3.2 Sabine Basin Surface Water Firm Yield:
Delete italicized values in Sabine River Combined Run of River and Total.

Table 3.2 Sabine Basin Surface Water Firm Yield

Sabine River Basin Surface Water Availability (ac-ft/yr)						
Source Name	2010	2020	2030	2040	2050	2060
Big Sandy Creek Lake / Reservoir	3,361	3,361	3,361	3,361	3,361	3,361
Brandy Branch Lake / Reservoir	-	-	-	-	-	-
Edgewood City Lake / Reservoir	110	110	110	110	110	110
Lake Fork / Reservoir	173,035	171,820	170,605	169,390	168,175	166,960
Gladewater Lake / Reservoir	2,125	2,125	2,125	2,125	2,125	2,125
Greenville City Lake / Reservoir	3,486	3,486	3,486	3,486	3,486	3,486
Hawkins Lake / Reservoir	-	-	-	-	-	-
Holbrook Lake / Reservoir	-	-	-	-	-	-
Loma Lake / Reservoir	-	600	600	600	600	600
Mill Creek Lake / Reservoir	706	706	706	706	706	706
Quitman Lake / Reservoir	-	-	-	-	-	-
Tawakoni Lake / Reservoir	229,807	228,093	226,380	224,667	222,953	221,240
Winnsboro Lake / Reservoir	-	-	-	-	-	-
Sabine River Combined Run of River	<i>166,156</i>	<i>166,156</i>	<i>166,156</i>	<i>166,156</i>	<i>166,156</i>	<i>166,156</i>
Direct Re-use	8,930	9,206	9,096	8,886	8,794	8,657
Total	<i>587,716</i>	<i>585,663</i>	<i>582,625</i>	<i>579,487</i>	<i>576,466</i>	<i>573,401</i>

Add values shown in Loma Lake/Reservoir, Sabine River Combined Run of River and Total.

Sabine River Basin Surface Water Availability (ac-ft/yr)						
Source Name	2010	2020	2030	2040	2050	2060
Big Sandy Creek Lake / Reservoir	3,361	3,361	3,361	3,361	3,361	3,361
Brandy Branch Lake / Reservoir	-	-	-	-	-	-
Edgewood City Lake / Reservoir	110	110	110	110	110	110
Lake Fork / Reservoir	173,035	171,820	170,605	169,390	168,175	166,960
Gladewater Lake / Reservoir	2,125	2,125	2,125	2,125	2,125	2,125
Greenville City Lake / Reservoir	3,486	3,486	3,486	3,486	3,486	3,486
Hawkins Lake / Reservoir	-	-	-	-	-	-
Holbrook Lake / Reservoir	-	-	-	-	-	-
Loma Lake / Reservoir	600	600	600	600	600	600
Mill Creek Lake / Reservoir	706	706	706	706	706	706
Quitman Lake / Reservoir	-	-	-	-	-	-
Tawakoni Lake / Reservoir	229,807	228,093	226,380	224,667	222,953	221,240
Winnsboro Lake / Reservoir	-	-	-	-	-	-
Sabine River Combined Run of River	168,049	168,072	168,097	168,123	168,150	168,175
Direct Re-use	8,930	9,206	9,096	8,886	8,794	8,657
Total	590,209	587,579	584,566	581,454	578,460	575,420

(3) Correction to Volume 1, Page 3-5, Table 3.3 Red River Basin Surface Firm Yield:
Delete italicized values for Total.

Table 3.3 Red River Basin Surface Firm Yield

Red River Basin Surface Water Availability (ac-ft/yr)						
Source Name	2010	2020	2030	2040	2050	2060
Crook Lake / Reservoir	7,290	7,290	7,290	7,290	7,290	7,290
Pat Mayse Lake / Reservoir	59,670	59,670	59,670	59,670	59,670	59,670
Total	66,960	66,960	66,960	66,960	66,960	66,960

Add Red River Combined Run of River and replace Total with values shown.

Table 3.3 Red River Basin Surface Firm Yield

Red River Basin Surface Water Availability (ac-ft/yr)						
Source Name	2010	2020	2030	2040	2050	2060
Crook Lake / Reservoir	7,290	7,290	7,290	7,290	7,290	7,290
Pat Mayse Lake / Reservoir	59,670	59,670	59,670	59,670	59,670	59,670
Red River Combined Run of River	9,661	9,640	9,619	9,478	9,158	9,138
Total	76,621	76,600	76,579	76,438	76,118	76,098

(4) Correction to Volume 1, Pages 3-12 and 3-13, Table 3.6: Groundwater Availability by Aquifer,
Table Subsection for “Carrizo-Wilcox Aquifer”, Page 3-12 and
Table Subsection for “Total Regional Groundwater”, Page 3-13

Delete italicized values for Gregg, Smith, Titus, Upshur, and both Totals.

Aquifer	County	Water Availability Estimates (for 2011 planning)
<i>Carrizo-Wilcox Aquifer</i>	Bowie	15,673
	Camp	3,921
	Cass	3,527
	Franklin	11,671
	Gregg	7,539
	Harrison	8,660
	Hopkins	4,761
	Marion	2,030
	Morris	2,660
	Rains	1,770
	Red River	239
	Smith	13,981
	Titus	11,134
	Upshur	6,959
Van Zandt	11,087	
Wood	9,852	

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

<i>Carrizo-Wilcox Aquifer</i>	Total	115,505
-------------------------------	-------	---------

<i>Total Regional Groundwater</i>	Total	309,951
-----------------------------------	-------	---------

Add values shown for Gregg, Smith, Titus, Upshur, and both Totals.

Aquifer	County	Water Availability Estimates (for 2011 planning)
<i>Carrizo-Wilcox Aquifer</i>	Bowie	15,673
	Camp	3,921
	Cass	3,527
	Franklin	11,671
	Gregg	8,121
	Harrison	8,660
	Hopkins	4,761
	Marion	2,030
	Morris	2,660
	Rains	1,770
	Red River	239
	Smith	14,022
	Titus	11,776
	Upshur	6,989
	Van Zandt	11,087
Wood	9,852	
<i>Carrizo-Wilcox Aquifer</i>	Total	116,759

<i>Total Regional Groundwater</i>	Total	311,205
-----------------------------------	-------	---------

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

5) Correction to Volume 1, Pages 3-15 and 3-16, Table 3.7: Regional Municipal Water Supply by County

Table Subsection for “Bowie, Gregg, Harrison, Hunt, Lamar, and Rains County”, Pages 3-15 and 3-16

Table Subsection for “Region Total”, Page 3-16

Delete italicized values.

Table 3.7: Regional Municipal Water Supply by County

Supply Available (ac-ft/yr)							
COUNTY	Basin	2010	2020	2030	2040	2050	2060
Bowie	Red	<i>9,115</i>	<i>8,336</i>	<i>7,702</i>	<i>7,091</i>	<i>6,516</i>	<i>5,539</i>
	Sulphur	<i>59,793</i>	<i>52,437</i>	<i>46,583</i>	<i>40,954</i>	<i>35,633</i>	<i>26,768</i>
	Total	<i>68,908</i>	<i>60,773</i>	<i>54,284</i>	<i>48,045</i>	<i>42,149</i>	<i>32,307</i>
Gregg	Cypress	<i>1,712</i>	<i>1,722</i>	<i>1,733</i>	<i>1,746</i>	<i>1,738</i>	<i>1,762</i>
	Sabine	<i>69,056</i>	<i>68,996</i>	<i>68,940</i>	<i>68,895</i>	<i>68,877</i>	<i>68,905</i>
	Total	<i>70,768</i>	<i>70,718</i>	<i>70,673</i>	<i>70,641</i>	<i>70,615</i>	<i>70,667</i>
Harrison	Cypress	<i>8,389</i>	<i>8,524</i>	<i>8,619</i>	<i>8,684</i>	<i>8,701</i>	<i>8,812</i>
	Sabine	<i>35,696</i>	<i>35,782</i>	<i>35,840</i>	<i>35,848</i>	<i>35,860</i>	<i>35,878</i>
	Total	<i>44,085</i>	<i>44,306</i>	<i>44,459</i>	<i>44,532</i>	<i>44,561</i>	<i>44,690</i>
Hunt	Sabine	<i>34,868</i>	<i>34,432</i>	<i>34,240</i>	<i>34,239</i>	<i>35,046</i>	<i>36,684</i>
	Sulphur	<i>9,563</i>	<i>9,514</i>	<i>9,460</i>	<i>9,446</i>	<i>9,508</i>	<i>9,630</i>
	Trinity	<i>110</i>	<i>112</i>	<i>121</i>	<i>136</i>	<i>171</i>	<i>222</i>
	Total	<i>44,451</i>	<i>44,058</i>	<i>43,821</i>	<i>43,821</i>	<i>44,725</i>	<i>46,536</i>
Lamar	Red	<i>15,198</i>	<i>15,080</i>	<i>14,976</i>	<i>14,889</i>	<i>14,803</i>	<i>14,628</i>
	Sulphur	<i>28,027</i>	<i>27,842</i>	<i>27,705</i>	<i>27,567</i>	<i>27,446</i>	<i>27,191</i>
	Total	<i>43,225</i>	<i>42,922</i>	<i>42,681</i>	<i>42,456</i>	<i>42,249</i>	<i>41,819</i>
Rains	Sabine	<i>3,745</i>	<i>3,780</i>	<i>3,794</i>	<i>3,785</i>	<i>3,764</i>	<i>3,741</i>
	Total	<i>3,745</i>	<i>3,780</i>	<i>3,794</i>	<i>3,785</i>	<i>3,764</i>	<i>3,741</i>

REGION TOTAL	<i>418,145</i>	<i>409,646</i>	<i>402,967</i>	<i>396,569</i>	<i>392,917</i>	<i>383,802</i>
---------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

Add values shown.

Table 3.7 Regional Municipal Water Supply by County

Supply Available (ac-ft/yr)							
COUNTY	Basin	2010	2020	2030	2040	2050	2060
Bowie	Red	7,732	7,794	7,828	7,859	7,834	7,820
	Sulphur	50,777	50,593	50,411	50,204	49,973	49,690
	Total	58,509	58,387	58,239	58,063	57,807	57,510
Gregg	Cypress	1,712	1,722	1,733	1,746	1,738	1,762
	Sabine	67,056	66,996	66,940	66,895	66,877	66,905
	Total	68,768	68,718	68,673	68,641	68,615	68,667
Harrison	Cypress	8,389	8,524	8,619	8,684	8,701	8,812
	Sabine	35,296	35,382	35,440	35,448	35,460	35,478
	Total	43,685	43,909	44,059	44,132	44,161	44,290
Hunt	Sabine	34,867	34,437	34,270	34,239	35,046	36,684
	Sulphur	9,070	8,886	8,671	8,390	8,526	7,018
	Trinity	106	111	101	109	143	194
	Total	44,043	43,434	43,042	42,738	43,715	43,896
Lamar	Red	19,192	19,014	18,854	18,718	18,596	18,387
	Sulphur	24,762	24,577	24,439	24,302	24,180	23,925
	Total	43,954	43,591	43,293	43,020	42,776	42,312
Rains	Sabine	3,963	4,004	4,025	4,022	4,007	3,990
	Total	3,963	4,004	4,025	4,022	4,007	3,990
REGION TOTAL		405,796	405,130	404,583	403,905	405,935	404,707

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

6) Correction to Volume 1, Pages 3-17, Table 3.8: Regional Municipal Water Supply by Basin

Delete italicized values for Red River, Sabine, Sulphur, Trinity, and Total.

Table 3.8 Regional Municipal Water Supply by Basin

Supply Available (ac-ft/yr)						
BASIN	2010	2020	2030	2040	2050	2060
Cypress	83,654	83,462	83,258	83,024	83,645	82,075
Neches	2,545	2,668	2,762	2,833	2,922	3,022
Red River	<i>24,763</i>	<i>23,864</i>	<i>23,126</i>	<i>22,428</i>	<i>21,768</i>	<i>20,616</i>
Sabine	<i>172,832</i>	<i>173,083</i>	<i>173,578</i>	<i>174,130</i>	<i>175,849</i>	<i>178,689</i>
Sulphur	<i>131,092</i>	<i>123,278</i>	<i>116,924</i>	<i>110,813</i>	<i>105,341</i>	<i>95,934</i>
Trinity	<i>3,259</i>	<i>3,291</i>	<i>3,319</i>	<i>3,341</i>	<i>3,393</i>	<i>3,467</i>
TOTAL	<i>418,145</i>	<i>409,646</i>	<i>402,967</i>	<i>396,569</i>	<i>392,917</i>	<i>383,802</i>

Add values shown.

Table 3.8 Regional Municipal Water Supply by Basin

Supply Available (ac-ft/yr)						
BASIN	2010	2020	2030	2040	2050	2060
Cypress	83,654	83,462	83,258	83,024	83,645	82,075
Neches	2,545	2,668	2,762	2,833	2,922	3,022
Red River	27,373	27,256	27,130	27,025	26,878	26,655
Sabine	170,651	170,913	171,436	171,967	173,692	176,538
Sulphur	118,318	117,541	116,698	115,742	115,433	112,978
Trinity	3,255	3,290	3,299	3,314	3,365	3,439
TOTAL	405,796	405,130	404,583	403,905	405,935	404,707

7) Correction to Volume 1, Pages 3-27, Table 3.19: Wholesale Water Providers

Delete italicized values for City of Longview, Northeast Texas MWD and Total Water Availability.

Table 3.19 Wholesale Water Providers

Wholesale Water Provider	Source Region	Source Basin	Supply Available ac-ft/yr					
			2010	2020	2030	2040	2050	2060
City of Longview	D	Sabine	<i>62,618</i>	<i>62,618</i>	<i>62,618</i>	<i>62,618</i>	<i>62,618</i>	<i>62,618</i>
Northeast Texas MWD	D	Cypress	<i>160,311</i>	<i>160,311</i>	<i>160,311</i>	<i>160,311</i>	<i>160,311</i>	<i>160,311</i>
Total Water Availability to WVPs in Region D			<i>1,117,977</i>	<i>1,113,665</i>	<i>1,109,432</i>	<i>1,105,172</i>	<i>1,100,634</i>	<i>1,290,604</i>

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

Add values shown for City of Longview and Northeast Texas MWD.

Delete row entitled “**Total Water Availability to WWPs in Region D**” in its entirety.

Table 3.19 Wholesale Water Providers

Wholesale Water Provider	Source Region	Source Basin	Supply Available ac-ft/yr					
			2010	2020	2030	2040	2050	2060
City of Longview	D	Sabine	59,710	59,710	59,710	59,710	59,710	59,710
Northeast Texas MWD	D	Cypress	209,060	208,070	207,080	206,090	205,100	204,110

Chapter 4

(1) Correction to Volume I, Page 4-2, Chapter 4

Page 4-2, 1st Paragraph, Last sentence, Replace “Table 4.38” with “Table 4.37”

(2) Correction to Volume I, Page 4-8, Table 4.11, Chapter 4

Change Steam Electric Values

Titus County	Total Water Shortage in Ac-ft/yr						Shortage
Year	2010	2020	2030	2040	2050	2060	Type
Steam Electric				4,535	17,738	31,909	EI

(3) Correction to Volume I, Page 4-10, Paragraph 4.2.3, Last Line

Change “2030” to “2040”

In Table 4.17

Change Steam Electric Values in 2040 to “4,535”, 2050 to “17,738”, and 2060 to “31,909”

(4) Correction to Volume I, Page 4-15, Table 4.24,

Add the following sentence immediately before Table 4.24 as follows:

"No physical strategy has been recommended at this time pending a determination by FCWD that the revised model continues to indicate a deficit; then a suggested strategy would be to renegotiate one or more of its wholesale contracts."

(5) Correction to Volume 1, Page 4-16, Table 4.26: Water Supplies and Demands for Northeast Texas Municipal Water District

See Item 13 this Errata for corrected Table.

(6) Correction to Volume I, Table 4.27,

Change “Mac Bee SUD” to “MacBee SUD”

(7) Correction to Volume I, Table 4.37, Page 4-29, Harrison County

Change “Diana WSC” to “Diana SUD”;

Page 4-31, Hunt County:

Change “Mac Bee WSC” to “MacBee SUD”;

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

(8) Correction to Volume I, Table 4.39, Page 4-47:

Bowie County, Redwater – Add row to show Redwater shortage as 7(2030) and 14(2060), and surface water strategy as 7(2030) and 14(2060).

Bowie County, Redwater (CO) – Change shortage to 160(2030) and 157(2060), and change surface water strategy to 160(2030) and 157(2060).

Hunt County, Cash SUD - Change “4546” to “4922” in the 2060 Columns.

(9) Correction to Volume I, Section 4.8.11.3, 1st Paragraph, Ninth Line

Change “supply deficit of 1,015 ac-ft/yr in 2050 and increasing to 4546 ac-ft/yr in 2060” to “supply deficit of 798 ac-ft/yr in 2050 and increasing to 4305 ac-ft/yr in 2060”.

(10) Correction to Volume I, Section 4.8.20.1, Page 4-47, 1st Paragraph, Last Line

Change “Mac Bee WSC” to “MacBee SUD”.

(11) Correction to Volume 1, Page 4-8, Table 4.11: Water Supply Shortages in Titus County

Delete italicized values for 2050 and 2060.

Table 4.11 Water Supply Shortages in Titus County

Titus County	Total Water Shortage in ac-ft/yr						Shortage Type
	2010	2020	2030	2040	2050	2060	
Steam Electric					<i>14816</i>	<i>28987</i>	EI

Add values shown for 2040, 2050, and 2060.

Table 4.11 Water Supply Shortages in Titus County

Titus County	Total Water Shortage in ac-ft/yr						Shortage Type
	2010	2020	2030	2040	2050	2060	
Steam Electric				4,535	17,738	31,909	EI

(12) Correction to Volume 1, Page 4-10, Table 4.17: Actual Water Shortages – Cypress River Basin

Delete italicized values for Steam Electric.

Table 4.17 Actual Water Shortages – Cypress River Basin

Actual Shortages	Water Shortages in ac-ft/yr					
	2010	2020	2030	2040	2050	2060
Bi-County WSC		128	299	434	539	653
Steam Electric				<i>1613</i>	<i>14816</i>	<i>28987</i>
Woodland Harbor	61	60	60	60	60	60
City of Linden	92	98	101	106	104	104
City of Scottsville						7
City of Waskom		28	55	76	100	135
Caddo Lake WSC	10	6	19	27	37	52
Leigh WSC						1
Pritchett WSC				3	9	18
Talley WSC	11	15	17	20	22	26
Waskom Rural WSC #1						5

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

Add values shown for Steam Electric.

Table 4.17 Actual Water Shortages – Cypress River Basin

Actual Shortages	Water Shortages in ac-ft/yr					
	2010	2020	2030	2040	2050	2060
Year						
Bi-County WSC		128	299	434	539	653
Steam Electric				4535	17738	31909
Woodland Harbor	61	60	60	60	60	60
City of Scottsville						7
City of Waskom	55	101	134	159	188	231
Caddo Lake WSC		6	19	27	37	52
Leigh WSC						1
Pritchett WSC				3	9	18
Talley WSC	59	81	97	109	122	142
Waskom Rural WSC #1						5

(13) Correction to Volume 1, Page 4-16, Table 4.26: Water Supplies and Demands for Northeast Texas Municipal Water District

Delete italicized values for Supplies: Lake O’ The Pines, Water Stored Above Lake O’ The Pines, and Total; and for Surplus: Total.

Table 4.26 Water Supplies and Demands for Northeast Texas Municipal Water District

SUPPLIES (ac-ft/yr)	2010	2020	2030	2040	2050	2060
Lake O’ The Pines	<i>174,960</i>	<i>174,960</i>	<i>174,960</i>	<i>174,960</i>	<i>174,960</i>	<i>174,960</i>
Lake Bob Sandlin	12,000	12,000	12,000	12,000	12,000	12,000
Water Stored Above Lake O’ The Pines	<i>6,909</i>	<i>6,909</i>	<i>6,909</i>	<i>6,909</i>	<i>6,909</i>	<i>6,909</i>
TOTAL	<i>193,869</i>	<i>193,869</i>	<i>193,869</i>	<i>193,869</i>	<i>193,869</i>	<i>193,869</i>

SURPLUS (ac-ft/yr)	2010	2020	2030	2040	2050	2060
TOTAL	<i>45,434</i>	<i>45,434</i>	<i>45,434</i>	<i>45,434</i>	<i>45,434</i>	<i>45,434</i>

Add values shown for Supplies: Lake O’ The Pines, Water Stored Above Lake O’ The Pines, and Total; and for Surplus: Total.

Table 4.26 Water Supplies and Demands for Northeast Texas Municipal Water District

SUPPLIES (ac-ft/yr)	2010	2020	2030	2040	2050	2060
Lake O’ The Pines	174,960	174,960	174,960	174,960	174,960	174,960
Lake Bob Sandlin	12,000	12,000	12,000	12,000	12,000	12,000
Water Stored Above Lake O’ The Pines	21,168	21,168	21,168	21,168	21,168	21,168
TOTAL	208,128	208,128	208,128	208,128	208,128	208,128

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

SURPLUS (ac-ft/yr)	2010	2020	2030	2040	2050	2060
TOTAL	59,693	50,860	50,860	50,860	50,860	50,860

Chapter 5

(1) Correction to Volume I, Page 5-4, Table 5.6

Replace with the following:

WUG	Needed From Toledo Bend (2060) (ac-ft/yr)
Able Springs WSC	143
Cash SUD	3,865
Combined Consumers SUD	2,617
Steam Electric, Hunt Co.	23,902
TOTAL	30,527

(2) Correction to Volume I, Page 5-5, 1st Paragraph, 2nd Line

Change “32,682” to “30,527”

Chapter 6

(1) Addition to Volume I, Page 6-1,

Insert the following Paragraph as the Third Paragraph:

The 78th Texas Legislature in the 2003 Regular Session passed House Bill 3338 which requires water utilities to perform a water audit every five years in an attempt to reduce water loss in Texas. The TWDB has developed a manual with worksheets to standardize the water audits and to provide a guide for performing the water audits. By standardizing the water audit process, the utilities can measure their performance over time and create a more sustainable supply. A review of the 2007 TWDB reported data by all Regions indicates that Region D is about average to just below average in all comparisons that are presented. The TWDB data includes comparisons for several factors including water loss per mile of main, water loss per connection, and value of water loss per mile.

Chapter 7

(1) Correction to Volume I, Page 7-5, Table 7.1

Change Titus County Quantity from “29,350” to “31,909”.

(2) Correction to Volume I, Page 7-5 and 7-6, Tables 7.1 and 7.2, Van Zandt, Canton

Revisions to Tables 7.1 and Table 7.2 to include City of Canton’s alternative strategies are shown as italicized values in the attached tables.

Chapter 8

Chapter 9

Chapter 10

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

Volume II

(1) Correction to Volume II, Page TOC-i, Gregg County

Change “City of Clarksville”to “City of Clarksville City”.

(2) Correction to Volume II, Page TOC-ii, Hunt County

Change “Cash WSC” to “Cash SUD”.

(3) Correction to Volume II, Page C-183, Gregg County

Change “City of Clarksville”to “City of Clarksville City”.

(4) Correction to Volume II, Pages C-321 and C-322, Titus County Steam Electric

Last paragraph, end of first sentence, add:

“...and Cypress Run of River”.

(5) Correction to Volume II, Pages C-325 and C-326, Appendix C, City of Canton

(See attached replacement sheets C-325 and C-326.)

(6) Municipal Supply and Regional Totals – The revised Table C3.1 is attached. Revisions made are shown as italicized values.

(7) Cash SUD – The revised Table C4.1 and revised water management strategy worksheets are attached. Revisions made are shown as italicized values.

Table C4.1 page C-135 – Add 449 ac-ft/yr to Cash SUD 2050 water management strategy supply from SRA Toledo Bend transfer. Revise strategy from NTMWD future allocation as follows: 530(2010), 796(2020), 910(2030), 1003(2040), 1037(2050), 1057(2060).

Page C-241 – Surface water strategy (NTMWD) firm yield to read 1057.

Page C-242 - Add 449 ac-ft/yr to Cash SUD 2050 water management strategy supply from SRA Toledo Bend transfer. Revise strategy from NTMWD future allocation as follows: 530(2010), 796(2020), 910(2030), 1003(2040), 1037(2050), 1057(2060).

**EVALUATION OF WATER MANAGEMENT STRATEGIES FOR MEETING THE
PROJECTED WATER SUPPLY NEEDS OF CITY OF CANTON**

Description of Water User Group:

The City of Canton provides water service in Van Zandt County. The TWDB estimated population is 3,537 in the year 2010 and is projected to be 4,613 in the year 2060. The City relies on ground water from the Carrizo-Wilcox with a total pumping capacity of 530 GPM, or 285 ac-ft/yr and from Mill Creek Lake with 706 ac-ft/yr. Canton is projected to have a water supply deficit of 29 ac-ft/yr beginning in 2030 and increasing to a deficit of 161 ac-ft/yr by 2060. The system is bordered by Myrtle Springs WSC to the Northwest and Mac Bee WSC to the Southwest. A location map is included as Attachment A.

The City’s per capita water consumption is quite high for Region D, at 238 gpcd. This could very likely be the result of the First Monday Trades Days, which occur each month. The City through its consulting engineer has expressed disagreement with the TWDB population projections, suggesting that the 2060 service population may be as high as 34,000. The City filed the following comment:

“The population projections do not take into account the additional water demand resulting from the monthly First Monday Trades Days. Depending on the month or season, this recurring event brings 200,000 to 400,000 visitors to the City for four consecutive days each month. Many of these visitors stay overnight.”

Water Supply and Demand Analysis:

	2010	2020	2030	2040	2050	2060
Population	3537	3795	4012	4175	4382	4613
Projected Water Demand	923	978	1020	1048	1095	1152
Water Demand from other entities	0	0	0	0	0	0
Current Water Supply	991	991	991	991	991	991
Projected Supply Surplus (+) / Deficit (-)	68	13	-29	-57	-104	-161

Evaluation of Potentially Feasible Water Management Strategies:

There were four alternative strategies considered to meet the City of Canton water supply shortages as summarized in the table below. Advanced conservation was considered because the 238 gallon per capita per day use was above the 140 gpcd threshold set by the water planning group. However, the projected savings is minimal in comparison to the predicted shortage and the cost of conservation is higher than that of ground water. Water reuse, including both direct and indirect reuse, was evaluated as a feasible water conservation and supply strategy. Groundwater and surface water alternatives were also considered because the City is currently using well water and also looking at the feasibility of constructing another lake. A groundwater reuse, and surface water worksheets are included as Attachment B.

Errata Sheet for 2010 Adopted North East Texas (Region D) Regional Water Plan

Strategy	Firm Yield (ac-ft)	Total Capital Cost	Total Annualized Cost	Unit Cost	Environmental Impact
Advanced Water Conservation	34	\$243,028	-	\$790	Minimal
Water Reuse	161	\$3,761,806	\$533,509	\$6,786	Minimal
Ground Water	194	\$939,729	\$105,071	\$732	Minimal
Surface Water	161	\$54,613,653	\$6,530,924	\$58,133	*

Recommendations:

	2010	2020	2030	2040	2050	2060
Groundwater (ac-ft/yr)	0	0	97	97	194	194

One recommended strategy for the City of Canton to meet their projected water deficit of 29 ac-ft in the year 2030 and 161 ac-ft in the year 2060 would be to construct two additional wells. These would be similar to their existing well with a capacity of 180 gpm each, for a total of 194 ac-ft/yr. The recommended wells would be in the Carrizo-Wilcox aquifer in Van Zandt County. A second recommended water conservation strategy and water supply option is the utilization of both direct and indirect water reuse. The City of Canton has submitted an application to the TCEQ to secure a water right for indirect reuse and may also seek to secure an authorization for direct reuse. These recommendations are based upon current NETRWPG population projections for the City of Canton. Because of substantial disagreement over future population and water demands, the City has requested the following alternate strategy:

The strategy to meet future needs “is with surface water from a proposed reservoir on Grand Saline Creek. The City of Canton has provided to the NETRWPG resolutions from three other cities in Van Zandt County supporting the reservoir project. This show of support indicates that a regional surface water reservoir could possibly replace the ground water strategies for other Van Zandt County public water supplies with projected deficits. However, due to the time typically required to obtain the necessary permits to impound surface water, the City plans to construct one or two additional wells, or implement a reuse option, to meet increasing demands due to population growth and the First Monday influence.” This alternative wording should be considered consistent with this plan in the event that population growth in the potential service area significantly exceeds current NETRWPG projections.

* For information on environmental impact of reservoir, please see the City of Canton’s “Long-Term Water, Study Surface Water Supply, December 2008, Prepared by: Gary Burton Engineering, Inc.”

Water User Group Name	Basin	County	Source Name	WS2010	WS2020	WS2030	WS2040	WS2050	WS2060	SELLERS_NAME
BOWIE COUNTY										
DE KALB	RED	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	87	87	87	87	87	87	87 TEXARKANA CITY OF
HOOKS	RED	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	335	335	335	335	335	335	335 TEXARKANA CITY OF
NEW BOSTON	RED	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	349	349	349	349	349	349	349 TEXARKANA CITY OF
TEXARKANA	RED	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	5200	5200	5200	5200	5200	5200	OWNS SYSTEM
COUNTY-OTHER										
COUNTY-OTHER	RED	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	435	446	452	457	452	449	VARIOUS
COUNTY-OTHER	RED	BOWIE	CARRIZO-WILCOX AQUIFER	1063	1105	1128	1149	1130	1119	OWNS SYSTEM
LEARY	RED	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	85	89	91	94	93	93	93 TEXARKANA CITY OF
RED LICK	RED	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	86	90	93	95	95	95	95 TEXARKANA CITY OF
CENTRAL BOWIE WSC	RED	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	88	88	88	88	88	88	88 TEXARKANA CITY OF
RED RIVER COUNTY WSC	RED	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	4	5	5	5	5	5	5 TEXARKANA CITY OF
DE KALB	SULPHUR	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	336	336	336	336	336	336	336 TEXARKANA CITY OF
MAUD	SULPHUR	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	144	153	161	168	168	168	168 TEXARKANA CITY OF
NASH	SULPHUR	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	303	323	339	355	355	355	355 TEXARKANA CITY OF
NASH	SULPHUR	BOWIE	CARRIZO-WILCOX AQUIFER	0	0	0	0	0	0	0
NEW BOSTON	SULPHUR	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	741	741	741	741	741	741	741 TEXARKANA CITY OF
REDWATER	SULPHUR	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	56	56	56	56	56	56	56 TEXARKANA CITY OF
REDWATER	SULPHUR	BOWIE	CARRIZO-WILCOX AQUIFER	73	73	73	73	73	73	OWNS SYSTEM
TEXARKANA	SULPHUR	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	45314	45012	44760	44487	44301	44042	OWNS SYSTEM
WAKE VILLAGE	SULPHUR	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	358	358	358	358	358	358	358 TEXARKANA CITY OF
COUNTY-OTHER	SULPHUR	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	195	194	193	192	192	192	VARIOUS
COUNTY-OTHER	SULPHUR	BOWIE	CARRIZO-WILCOX AQUIFER	2308	2396	2442	2484	2440	2416	OWNS SYSTEM
RED LICK	SULPHUR	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	43	45	46	48	47	47	47 TEXARKANA CITY OF
CENTRAL BOWIE WSC	SULPHUR	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	354	354	354	354	354	354	354 TEXARKANA CITY OF
MACEDONIA-EYLAU MUD										
#1	SULPHUR	BOWIE	WRIGHT PATMAN LAKE/RESERVOIR	552	552	552	552	552	552	552 TEXARKANA CITY OF
County Total - Round III				58509	58387	58239	58063	57807	57510	
County Total - Round II				14469	14944	15233	15502	15383	15345	
Round III minus Round II				44040	43443	43006	42561	42424	42165	
CAMP COUNTY										
PITTSBURG	CYPRESS	CAMP	BOB SANDLIN LAKE/RESERVOIR	1970	1970	1970	1970	1970	1970	1970 NORTHEAST TEXAS MWD
PITTSBURG	CYPRESS	CAMP	O' THE PINES LAKE/RESERVOIR	10618	10618	10618	10618	10618	10618	10618 NORTHEAST TEXAS MWD
PITTSBURG	CYPRESS	CAMP	CARRIZO-WILCOX AQUIFER	426	420	414	409	405	401	OWNS SYSTEM
COUNTY-OTHER	CYPRESS	CAMP	CARRIZO-WILCOX AQUIFER	420	432	444	453	461	469	OWNS SYSTEM
BI-COUNTY WSC	CYPRESS	CAMP	CARRIZO-WILCOX AQUIFER	790	790	790	790	790	790	OWNS SYSTEM
SHARON WSC	CYPRESS	CAMP	CARRIZO-WILCOX AQUIFER	3	3	3	3	3	3	OWNS SYSTEM
SHARON WSC	CYPRESS	CAMP	CARRIZO-WILCOX AQUIFER	9	9	9	10	11	12	OWNS SYSTEM
County Total - Round III				14236	14242	14248	14253	14258	14263	
County Total - Round II				3631	3634	3638	3641	3644	3646	
Round III minus Round II				10605	10608	10610	10612	10614	10617	
CASS COUNTY										
ATLANTA	CYPRESS	CASS	WRIGHT PATMAN LAKE/RESERVOIR	1876	1876	1876	1876	1876	1876	1876 TEXARKANA CITY OF
HUGHES SPRINGS	CYPRESS	CASS	O' THE PINES LAKE/RESERVOIR	2993	2993	2993	2993	2993	2993	2993 NORTHEAST TEXAS MWD
LINDEN	CYPRESS	CASS	CARRIZO-WILCOX AQUIFER	501	501	501	501	501	501	501 OWNS SYSTEM

Water User Group Name	Basin	County	Source Name	WS2010	WS2020	WS2030	WS2040	WS2050	WS2060	SELLERS_NAME
QUEEN CITY	CYPRESS	CASS	WRIGHT PATMAN LAKE/RESERVOIR	229	229	229	229	229	229	229 TEXARKANA CITY OF
QUEEN CITY	CYPRESS	CASS	CARRIZO-WILCOX AQUIFER	169	169	169	169	169	169	OWNS SYSTEM
COUNTY-OTHER	CYPRESS	CASS	WRIGHT PATMAN LAKE/RESERVOIR	0	0	0	0	0	0	-
COUNTY-OTHER	CYPRESS	CASS	O' THE PINES LAKE/RESERVOIR	1406	1406	1406	1406	1406	1406	NORTHEAST TEXAS MWD
COUNTY-OTHER	CYPRESS	CASS	CARRIZO-WILCOX AQUIFER	1227	1245	1286	1327	1368	1368	OWNS SYSTEM
ATLANTA	SULPHUR	CASS	WRIGHT PATMAN LAKE/RESERVOIR	2	2	2	2	2	2	2 TEXARKANA CITY OF
QUEEN CITY	SULPHUR	CASS	WRIGHT PATMAN LAKE/RESERVOIR	135	135	135	135	135	135	135 TEXARKANA CITY OF
QUEEN CITY	SULPHUR	CASS	CARRIZO-WILCOX AQUIFER	100	100	100	100	100	100	OWNS SYSTEM
COUNTY-OTHER	SULPHUR	CASS	WRIGHT PATMAN LAKE/RESERVOIR	44	44	44	44	44	44	44 TEXARKANA CITY OF
COUNTY-OTHER	SULPHUR	CASS	CARRIZO-WILCOX AQUIFER	1157	1175	1215	1256	1297	1297	OWNS SYSTEM
County Total - Round III				9839	9875	9956	10038	10120	10120	
County Total - Round II				11628	11667	11751	11836	11918	11918	
Round III minus Round II				-1789	-1792	-1795	-1798	-1798	-1798	
DELTA COUNTY										
COOPER	SULPHUR	DELTA	CHAPMAN/COOPER LAKE/RESERVOIR	710	690	669	647	623	591	SULPHUR RIVER MWD
COOPER	SULPHUR	DELTA	NON-SYSTEM PORTION	980	980	980	980	980	980	OWNS SYSTEM
COUNTY-OTHER	SULPHUR	DELTA	BIG CREEK LAKE/RESERVOIR	453	460	467	477	477	477	DELTA COUNTY MUD
COUNTY-OTHER	SULPHUR	DELTA	TAWAKONI LAKE/RESERVOIR	0	0	0	0	0	0	-
COUNTY-OTHER	SULPHUR	DELTA	NACATOCH AQUIFER	74	74	74	74	74	74	CITY OF COMMERCE
COUNTY-OTHER	SULPHUR	DELTA	TRINITY AQUIFER	83	122	48	48	48	48	OWNS SYSTEM
COUNTY-OTHER	SULPHUR	DELTA	WOODBINE AQUIFER	10	10	11	12	12	12	OWNS SYSTEM
NORTH HUNT WSC	SULPHUR	DELTA	TAWAKONI LAKE/RESERVOIR	28	32	36	40	41	42	COMMERCE WD
NORTH HUNT WSC	SULPHUR	DELTA	WOODBINE AQUIFER	6	5	4	3	2	1	OWNS SYSTEM
County Total - Round III				2344	2373	2289	2281	2257	2225	
County Total - Round II				2346	2336	2241	2233	2209	2177	
Round III minus Round II				-2	37	48	48	48	48	
FRANKLIN COUNTY										
WINNSBORO	CYPRESS	FRANKLIN	CYPRESS SPRINGS LAKE/RESERVOIR	971	971	971	971	971	971	FRANKLIN COUNTY WD
COUNTY-OTHER	CYPRESS	FRANKLIN	CYPRESS SPRINGS LAKE/RESERVOIR	52	52	52	52	52	52	CYPRESS SPRINGS WSC
COUNTY-OTHER	CYPRESS	FRANKLIN	CARRIZO-WILCOX AQUIFER	55	62	67	72	72	72	OWNS SYSTEM
CYPRESS SPRINGS WSC	CYPRESS	FRANKLIN	CYPRESS SPRINGS LAKE/RESERVOIR	2412	2412	2412	2412	2412	2412	FRANKLIN COUNTY WD
CYPRESS SPRINGS WSC	CYPRESS	FRANKLIN	CARRIZO-WILCOX AQUIFER	67	67	67	67	67	67	OWNS SYSTEM
TRI WSC	CYPRESS	FRANKLIN	BOB SANDLIN LAKE/RESERVOIR	21	24	27	29	29	29	MOUNT PLEASANT CITY OF
MOUNT VERNON	SULPHUR	FRANKLIN	CYPRESS SPRINGS LAKE/RESERVOIR	3000	3000	3000	3000	3000	3000	FRANKLIN COUNTY WD
COUNTY-OTHER	SULPHUR	FRANKLIN	BOB SANDLIN LAKE/RESERVOIR	12	14	16	17	17	17	MOUNT PLEASANT CITY OF
COUNTY-OTHER	SULPHUR	FRANKLIN	CARRIZO-WILCOX AQUIFER	104	121	133	143	143	143	OWNS SYSTEM
CYPRESS SPRINGS WSC	SULPHUR	FRANKLIN	CYPRESS SPRINGS LAKE/RESERVOIR	393	393	393	393	393	393	FRANKLIN COUNTY WD
NORTH HOPKINS WSC	SULPHUR	FRANKLIN	CHAPMAN/COOPER LAKE/RESERVOIR	9	11	12	13	13	13	SULPHUR SPRINGS CITY OF
NORTH HOPKINS WSC	SULPHUR	FRANKLIN	NON-SYSTEM PORTION	7096	7127	7150	7169	7169	7169	
County Total - Round III				7125	7156	7179	7198	7198	7198	
County Total - Round II				-29	-29	-29	-29	-29	-29	
Round III minus Round II										
GREGG COUNTY										
COUNTY-OTHER	CYPRESS	GREGG	O' THE PINES LAKE/RESERVOIR	25	25	25	25	25	0	NORTHEAST TEXAS MWD
COUNTY-OTHER	CYPRESS	GREGG	CARRIZO-WILCOX AQUIFER	186	196	207	220	237	261	OWNS SYSTEM
COUNTY-OTHER	CYPRESS	GREGG	CARRIZO-WILCOX AQUIFER	19	19	19	19	19	19	OWNS SYSTEM

Water User Group Name	Basin	County	Source Name	WS2010	WS2020	WS2030	WS2040	WS2050	WS2060	SELLERS_NAME
TRYON ROAD WSC	CYPRESS	GREGG	O' THE PINES LAKE/RESERVOIR	1177	1177	1177	1177	1177	1177	1177 NORTHEAST TEXAS MWD
TRYON ROAD WSC	CYPRESS	GREGG	CHEROKEE LAKE/RESERVOIR	30	30	30	30	30	30	LONGVIEW CITY OF
TRYON ROAD WSC	CYPRESS	GREGG	CARRIZO-WILCOX AQUIFER	275	275	275	275	275	275	OWNS SYSTEM
GLADEWATER	SABINE	GREGG	GLADEWATER LAKE/RESERVOIR	772	772	772	772	772	772	GLADEWATER CITY OF
KILGORE	SABINE	GREGG	SABINE RIVER COMBINED RUN-OF-RIVER	2588	2588	2588	2588	2588	2588	SABINE RIVER AUTHORITY
KILGORE	SABINE	GREGG	CARRIZO-WILCOX AQUIFER	927	927	927	927	927	927	OWNS SYSTEM
LAKEPORT	SABINE	GREGG	CHEROKEE LAKE/RESERVOIR	112	112	112	112	112	112	CHEROKEE WATER CO.
LAKEPORT	SABINE	GREGG	CARRIZO-WILCOX AQUIFER	341	341	341	341	341	341	OWNS SYSTEM
LONGVIEW	SABINE	GREGG	O' THE PINES LAKE/RESERVOIR	17200	17200	17200	17200	17200	17200	NORTHEAST TEXAS MWD
LONGVIEW	SABINE	GREGG	FORK LAKE/RESERVOIR	15000	15000	15000	15000	15000	15000	SABINE RIVER AUTHORITY
LONGVIEW	SABINE	GREGG	SABINE RIVER COMBINED RUN-OF-RIVER	17588	17464	17341	17218	17095	16971	SABINE RIVER AUTHORITY
LONGVIEW	SABINE	GREGG	CHEROKEE LAKE/RESERVOIR	3500	3500	3500	3500	3500	3500	CHEROKEE WATER CO.
WHITE OAK	SABINE	GREGG	BIG SANDY CREEK LAKE/RESERVOIR	3171	3171	3171	3171	3171	3171	LONGVIEW CITY OF
COUNTY-OTHER	SABINE	GREGG	BIG SANDY CREEK LAKE/RESERVOIR	50	50	50	50	50	50	LONGVIEW CITY OF
COUNTY-OTHER	SABINE	GREGG	GLADEWATER LAKE/RESERVOIR	354	354	354	354	354	354	GLADEWATER CITY OF
COUNTY-OTHER	SABINE	GREGG	SABINE RIVER COMBINED RUN-OF-RIVER	249	249	249	249	249	249	SABINE RIVER AUTHORITY
COUNTY-OTHER	SABINE	GREGG	CHEROKEE LAKE/RESERVOIR	18	18	18	18	18	18	CHEROKEE WATER CO.
COUNTY-OTHER	SABINE	GREGG	CARRIZO-WILCOX AQUIFER	694	758	825	903	1008	1160	OWNS SYSTEM
COUNTY-OTHER	SABINE	GREGG	CARRIZO-WILCOX AQUIFER	18	18	18	18	18	18	OWNS SYSTEM
EASTON	SABINE	GREGG	CHEROKEE LAKE/RESERVOIR	59	59	59	59	59	59	OWNS SYSTEM
EASTON	SABINE	GREGG	CARRIZO-WILCOX AQUIFER	179	179	179	179	179	179	OWNS SYSTEM
ELDERVILLE WSC	SABINE	GREGG	CHEROKEE LAKE/RESERVOIR	364	364	364	364	364	364	CHEROKEE WATER CO.
ELDERVILLE WSC	SABINE	GREGG	CARRIZO-WILCOX AQUIFER	1106	1106	1106	1106	1106	1106	OWNS SYSTEM
LIBERTY CITY WSC	SABINE	GREGG	CARRIZO-WILCOX AQUIFER	801	801	801	801	801	801	OWNS SYSTEM
TRYON ROAD WSC	SABINE	GREGG	O' THE PINES LAKE/RESERVOIR	950	950	950	950	950	950	NORTHEAST TEXAS MWD
TRYON ROAD WSC	SABINE	GREGG	CHEROKEE LAKE/RESERVOIR	429	429	429	429	429	429	LONGVIEW CITY OF
TRYON ROAD WSC	SABINE	GREGG	CARRIZO-WILCOX AQUIFER	221	221	221	221	221	221	OWNS SYSTEM
WEST GREGG WSC	SABINE	GREGG	CARRIZO-WILCOX AQUIFER	365	365	365	365	365	365	OWNS SYSTEM
County Total - Round III				68768	68718	68673	68641	68615	68667	
County Total - Round II				63876	63693	63771	63862	63984	64160	
Round III minus Round II				4892	5025	4902	4779	4631	4507	
HARRISON COUNTY										
MARSHALL	CYPRESS	HARRISON	CYPRESS RIVER COMBINED RUN-OF-RIVER	2360	2369	2374	2370	2366	2359	MARSHALL, CITY OF
MARSHALL	CYPRESS	HARRISON	O' THE PINES LAKE/RESERVOIR	2000	2000	2000	2000	2000	2000	NORTHEAST TEXAS MWD
WASKOM	CYPRESS	HARRISON	CARRIZO-WILCOX AQUIFER	258	258	258	258	258	258	OWNS SYSTEM
COUNTY-OTHER	CYPRESS	HARRISON	CYPRESS RIVER COMBINED RUN-OF-RIVER	362	362	362	362	362	362	MARSHALL, CITY OF
COUNTY-OTHER	CYPRESS	HARRISON	O' THE PINES LAKE/RESERVOIR	315	315	315	315	315	315	NORTHEAST TEXAS MWD
COUNTY-OTHER	CYPRESS	HARRISON	CHEROKEE LAKE/RESERVOIR	54	54	54	54	54	54	LONGVIEW, CITY OF
COUNTY-OTHER	CYPRESS	HARRISON	CARRIZO-WILCOX AQUIFER	15	15	15	15	15	15	OWNS SYSTEM
COUNTY-OTHER	CYPRESS	HARRISON	CARRIZO-WILCOX AQUIFER	2531	2657	2747	2816	2896	3014	OWNS SYSTEM
COUNTY-OTHER	CYPRESS	HARRISON	CARRIZO-WILCOX AQUIFER	30	30	30	30	30	30	OWNS SYSTEM
DIANA SUD	CYPRESS	HARRISON	O' THE PINES LAKE/RESERVOIR	59	59	59	59	59	0	NORTHEAST TEXAS MWD

Water User Group Name	Basin	County	Source Name	WS2010	WS2020	WS2030	WS2040	WS2050	WS2060	SELLERS NAME
DIANA SUD	CYPRESS	HARRISON	CARRIZO-WILCOX AQUIFER	48	48	48	48	48	48	48 OWNS SYSTEM
GUM SPRINGS WSC	CYPRESS	HARRISON	CHEROKEE LAKE/RESERVOIR	109	109	109	109	109	109	LONGVIEW CITY OF
GUM SPRINGS WSC	CYPRESS	HARRISON	CARRIZO-WILCOX AQUIFER	41	41	41	41	41	41	OWNS SYSTEM
TRYON ROAD WSC	CYPRESS	HARRISON	O' THE PINES LAKE/RESERVOIR	136	136	136	136	136	136	NORTHEAST TEXAS MWD
TRYON ROAD WSC	CYPRESS	HARRISON	CHEROKEE LAKE/RESERVOIR	37	37	37	37	37	37	LONGVIEW CITY OF
TRYON ROAD WSC	CYPRESS	HARRISON	CARRIZO-WILCOX AQUIFER	34	34	34	34	34	34	OWNS SYSTEM
HALLSVILLE	SABINE	HARRISON	CHEROKEE LAKE/RESERVOIR	737	737	737	737	737	737	LONGVIEW, CITY OF
HALLSVILLE	SABINE	HARRISON	CARRIZO-WILCOX AQUIFER	116	116	116	116	116	116	OWNS SYSTEM
LONGVIEW	SABINE	HARRISON	O' THE PINES LAKE/RESERVOIR	400	400	400	400	400	400	NORTHEAST TEXAS MWD
LONGVIEW	SABINE	HARRISON	FORK LAKE/RESERVOIR	5000	5000	5000	5000	5000	5000	SABINE RIVER AUTHORITY
LONGVIEW	SABINE	HARRISON	SABINE RIVER COMBINED RUN-OF-RIVER	733	728	723	717	712	707	SABINE RIVER AUTHORITY
LONGVIEW	SABINE	HARRISON	CHEROKEE LAKE/RESERVOIR	10400	10400	10400	10400	10400	10400	CHEROKEE WATER CO.
MARSHALL	SABINE	HARRISON	CYPRESS RIVER COMBINED RUN-OF-RIVER	8383	8418	8440	8424	8405	8376	MARSHALL, CITY OF
MARSHALL	SABINE	HARRISON	O' THE PINES LAKE/RESERVOIR	7000	7000	7000	7000	7000	7000	NORTHEAST TEXAS MWD
COUNTY-OTHER	SABINE	HARRISON	CYPRESS RIVER COMBINED RUN-OF-RIVER	100	100	100	100	100	100	MARSHALL, CITY OF
COUNTY-OTHER	SABINE	HARRISON	CHEROKEE LAKE/RESERVOIR	328	328	328	328	328	328	LONGVIEW, CITY OF
COUNTY-OTHER	SABINE	HARRISON	CARRIZO-WILCOX AQUIFER	669	725	766	796	832	884	OWNS SYSTEM
GILL WSC	SABINE	HARRISON	CYPRESS RIVER COMBINED RUN-OF-RIVER	100	100	100	100	100	100	MARSHALL, CITY OF
GILL WSC	SABINE	HARRISON	CARRIZO-WILCOX AQUIFER	231	231	231	231	231	231	OWNS SYSTEM
GUM SPRINGS WSC	SABINE	HARRISON	CHEROKEE LAKE/RESERVOIR	797	797	797	797	797	797	LONGVIEW CITY OF
GUM SPRINGS WSC	SABINE	HARRISON	CARRIZO-WILCOX AQUIFER	302	302	302	302	302	302	OWNS SYSTEM
County Total - Round III				43685	43906	44059	44132	44161	44290	
County Total - Round II				43163	43389	43547	43626	43719	43853	
Round III minus Round II				522	517	512	506	442	437	
HOPKINS COUNTY										
COUNTY-OTHER	CYPRESS	HOPKINS	CARRIZO-WILCOX AQUIFER	3	4	4	3	3	3	OWNS SYSTEM
COUNTY-OTHER	CYPRESS	HOPKINS	CARRIZO-WILCOX AQUIFER	175	175	175	175	175	175	OWNS SYSTEM
CYPRESS SPRINGS WSC	CYPRESS	HOPKINS	CYPRESS SPRINGS LAKE/RESERVOIR	441	441	441	441	441	441	FRANKLIN COUNTY WD
SHARON WSC	CYPRESS	HOPKINS	CARRIZO-WILCOX AQUIFER	3	3	3	3	3	3	OWNS SYSTEM
SHARON WSC	CYPRESS	HOPKINS	CARRIZO-WILCOX AQUIFER	9	9	9	9	9	9	OWNS SYSTEM
CUMBY	SABINE	HOPKINS	NACATOC AQUIFER	88	95	100	104	103	103	OWNS SYSTEM
COUNTY-OTHER	SABINE	HOPKINS	CHAPMAN/COOPER LAKE/RESERVOIR	193	213	222	227	208	191	SULPHUR SPRINGS CITY OF
COUNTY-OTHER	SABINE	HOPKINS	NON-SYSTEM PORTION	461	464	465	466	464	461	OWNS SYSTEM
COUNTY-OTHER	SABINE	HOPKINS	CARRIZO-WILCOX AQUIFER	112	112	112	112	112	112	OWNS SYSTEM
COUNTY-OTHER	SABINE	HOPKINS	CARRIZO-WILCOX AQUIFER	7	7	7	7	7	7	OWNS SYSTEM
COMO	SABINE	HOPKINS	CARRIZO-WILCOX AQUIFER	113	112	109	107	107	107	OWNS SYSTEM
CASH SUD	SABINE	HOPKINS	TAWAKONI LAKE/RESERVOIR	45	51	54	56	52	48	SABINE RIVER AUTHORITY
COMO	SULPHUR	HOPKINS	CARRIZO-WILCOX AQUIFER	30	31	34	36	36	36	OWNS SYSTEM
SULPHUR SPRINGS	SULPHUR	HOPKINS	CHAPMAN/COOPER LAKE/RESERVOIR	11525	11260	11041	10836	10750	10609	SULPHUR RIVER MWD
SULPHUR SPRINGS	SULPHUR	HOPKINS	NON-SYSTEM PORTION	7344	7215	7081	6858	6802	6529	OWNS SYSTEM

Water User Group Name	Basin	County	Source Name	WS2010	WS2020	WS2030	WS2040	WS2050	WS2060	SELLERS_NAME
COUNTY-OTHER	SULPHUR	HOPKINS	CHAPMAN/COOPER LAKE/RESERVOIR	155	174	183	189	169	150	SULPHUR SPRINGS CITY OF
COUNTY-OTHER	SULPHUR	HOPKINS	NON-SYSTEM PORTION	161	166	143	140	139	137	OWNS SYSTEM
COUNTY-OTHER	SULPHUR	HOPKINS	NACATOC AQUIFER	121	124	126	127	123	120	OWNS SYSTEM
COUNTY-OTHER	SULPHUR	HOPKINS	CARRIZO-WILCOX AQUIFER	269	269	269	269	269	269	OWNS SYSTEM
CUMBY	SULPHUR	HOPKINS	CARRIZO-WILCOX AQUIFER	84	77	72	68	69	69	OWNS SYSTEM
CYPRESS SPRINGS WSC	SULPHUR	HOPKINS	NACATOC AQUIFER	72	72	72	72	72	72	FRANKLIN COUNTY WD
MARTIN SPRINGS WSC	SULPHUR	HOPKINS	CYPRESS SPRINGS LAKE/RESERVOIR	223	223	223	223	223	223	SULPHUR SPRINGS CITY OF
MARTIN SPRINGS WSC	SULPHUR	HOPKINS	NON-SYSTEM PORTION	454	454	454	454	454	454	OWNS SYSTEM
MARTIN SPRINGS WSC	SULPHUR	HOPKINS	CARRIZO-WILCOX AQUIFER	912	910	909	908	908	908	SULPHUR SPRINGS CITY OF
NORTH HOPKINS WSC	SULPHUR	HOPKINS	CHAPMAN/COOPER LAKE/RESERVOIR	23000	22661	22308	21890	21697	21236	
County Total - Round III			NON-SYSTEM PORTION	22613	22353	22047	21660	21408	20885	
County Total - Round II				387	308	261	230	289	351	
Round III minus Round II										
HUNT COUNTY										
CADDO MILLS	SABINE	HUNT	TAWAKONI LAKE/RESERVOIR	174	178	186	201	242	309	GREENVILLE CITY OF
CAMPBELL	SABINE	HUNT	NACATOC AQUIFER	109	109	111	123	149	189	OWNS SYSTEM
CELESTE	SABINE	HUNT	WOODBINE AQUIFER	199	199	199	199	199	199	OWNS SYSTEM
GREENVILLE	SABINE	HUNT	TAWAKONI LAKE/RESERVOIR	18890	18572	18243	17890	17523	17179	SABINE RIVER AUTHORITY
GREENVILLE	SABINE	HUNT	GREENVILLE CITY LAKE/RESERVOIR	3486	3486	3486	3486	3486	3486	OWNS SYSTEM
LONE OAK	SABINE	HUNT	TAWAKONI LAKE/RESERVOIR	164	164	164	164	164	164	CASH SUD
QUINLAN	SABINE	HUNT	LAVON LAKE/RESERVOIR NORTH	605	605	605	605	605	605	CASH SUD
WEST TAWAKONI	SABINE	HUNT	TEXAS MWD SYSTEM	1080	1072	1064	1056	1047	1039	SABINE RIVER AUTHORITY
COUNTY-OTHER	SABINE	HUNT	TAWAKONI LAKE/RESERVOIR	304	374	477	648	1029	1628	VARIOUS
COUNTY-OTHER	SABINE	HUNT	LAVON LAKE/RESERVOIR NORTH	0	0	0	0	0	0	
COUNTY-OTHER	SABINE	HUNT	TEXAS MWD SYSTEM	4	4	6	8	12	19	DELTA COUNTY MUD
COUNTY-OTHER	SABINE	HUNT	TERRELL LAKE/RESERVOIR	1064	1064	1064	1064	1064	1064	VARIOUS
COUNTY-OTHER	SABINE	HUNT	BIG CREEK LAKE/RESERVOIR	248	248	248	248	248	248	OWNS SYSTEM
COUNTY-OTHER	SABINE	HUNT	TAWAKONI LAKE/RESERVOIR	29	29	29	29	29	29	OWNS SYSTEM
COUNTY-OTHER	SABINE	HUNT	NACATOC AQUIFER	29	29	29	29	29	29	OWNS SYSTEM
COUNTY-OTHER	SABINE	HUNT	WOODBINE AQUIFER	3	3	4	4	6	8	NORTH TEXAS MWD
JOSEPHINE	SABINE	HUNT	LAVON LAKE/RESERVOIR NORTH	119	119	119	119	119	119	SABINE RIVER AUTHORITY
ABLE SPRINGS WSC	SABINE	HUNT	TEXAS MWD SYSTEM	4	5	7	9	14	23	ROCKWALL CITY OF
BLACKLAND WSC	SABINE	HUNT	TAWAKONI LAKE/RESERVOIR	597	738	942	1279	2033	3214	NORTH TEXAS MWD
CADDO BASIN SUD	SABINE	HUNT	LAVON LAKE/RESERVOIR NORTH	617	338	203	62	0	0	NORTH TEXAS MWD
CASH SUD	SABINE	HUNT	TEXAS MWD SYSTEM	3980	3963	3949	3929	3911	3894	SABINE RIVER AUTHORITY
CASH SUD	SABINE	HUNT	LAVON LAKE/RESERVOIR NORTH	550	520	498	486	484	483	SABINE RIVER AUTHORITY
COMBINED CONSUMERS	SABINE	HUNT	FORK LAKE/RESERVOIR	2240	2240	2240	2240	2240	2240	SABINE RIVER AUTHORITY
WSC	SABINE	HUNT	FORK LAKE/RESERVOIR	189	189	189	189	189	189	EMORY CITY OF
COMMUNITY WATER	SABINE	HUNT	TAWAKONI LAKE/RESERVOIR	189	189	189	189	189	189	EMORY CITY OF
COMPANY	SABINE	HUNT	TAWAKONI LAKE/RESERVOIR	189	189	189	189	189	189	EMORY CITY OF

Water User Group Name	Basin	County	Source Name	WS2010	WS2020	WS2030	WS2040	WS2050	WS2060	SELLERS_NAME
HICKORY CREEK SUD	SABINE	HUNT	WOODBINE AQUIFER	75	81	102	75	75	75	75 OWNS SYSTEM
MACBEE SUD	SABINE	HUNT	TAWAKONI LAKE/RESERVOIR	109	109	109	112	178	281	SABINE RIVER AUTHORITY
CAMPBELL WSC	SABINE	HUNT	NACATOCH AQUIFER	28	28	26	14	0	0	OWNS SYSTEM
COMMERCE	SULPHUR	HUNT	CHAPMAN/COOPER LAKE/RESERVOIR	0	0	0	0	0	0	-
COMMERCE	SULPHUR	HUNT	NON-SYSTEM PORTION	0	0	0	0	0	0	-
COMMERCE	SULPHUR	HUNT	TAWAKONI LAKE/RESERVOIR	7257	6987	6668	6191	5168	3536	SABINE RIVER AUTHORITY
COMMERCE	SULPHUR	HUNT	NACATOCH AQUIFER	122	122	122	122	122	122	OWNS SYSTEM
COMMERCE	SULPHUR	HUNT	NACATOCH AQUIFER	175	175	175	175	175	175	OWNS SYSTEM
WOLFE CITY	SULPHUR	HUNT	OTHER LOCAL SUPPLY	140	140	120	120	120	120	OWNS SYSTEM
WOLFE CITY	SULPHUR	HUNT	WOODBINE AQUIFER	81	81	81	81	81	81	OWNS SYSTEM
COUNTY-OTHER	SULPHUR	HUNT	TAWAKONI LAKE/RESERVOIR	69	143	241	439	1610	1885	COMMERCE CITY OF
COUNTY-OTHER	SULPHUR	HUNT	WOODBINE AQUIFER	116	150	196	216	258	201	OWNS SYSTEM
COUNTY-OTHER	SULPHUR	HUNT	NACATOCH AQUIFER	290	290	290	290	290	290	OWNS SYSTEM
HICKORY CREEK SUD	SULPHUR	HUNT	WOODBINE AQUIFER	0	0	28	64	165	238	OWNS SYSTEM
HICKORY CREEK SUD	SULPHUR	HUNT	WOODBINE AQUIFER	518	505	462	407	264	126	OWNS SYSTEM
NORTH HUNT WSC	SULPHUR	HUNT	TAWAKONI LAKE/RESERVOIR	119	115	111	107	106	105	COMMERCE WD
NORTH HUNT WSC	SULPHUR	HUNT	TRINITY AQUIFER	0	0	0	0	0	0	-
NORTH HUNT WSC	SULPHUR	HUNT	WOODBINE AQUIFER	86	80	78	78	78	78	OWNS SYSTEM
NORTH HUNT WSC	SULPHUR	HUNT	WOODBINE AQUIFER	56	57	58	59	60	61	OWNS SYSTEM
CAMPBELL WSC	SULPHUR	HUNT	NACATOCH AQUIFER	41	41	41	41	29	0	OWNS SYSTEM
COUNTY-OTHER	TRINITY	HUNT	WOODBINE AQUIFER	9	9	9	9	0	0	OWNS SYSTEM
COUNTY-OTHER	TRINITY	HUNT	TRINITY AQUIFER	1	8	0	7	37	79	OWNS SYSTEM
COUNTY-OTHER	TRINITY	HUNT	WOODBINE AQUIFER	16	15	10	5	4	0	OWNS SYSTEM
CADDO BASIN SUD	TRINITY	HUNT	LAVON LAKE/RESERVOIR NORTH	6	7	9	12	20	32	NORTH TEXAS MWD
HICKORY CREEK SUD	TRINITY	HUNT	TEXAS MWD SYSTEM	74	72	73	76	82	86	OWNS SYSTEM
County Total - Round III			WOODBINE AQUIFER	44043	43434	43042	42737	43715	43898	
County Total - Round II				43931	43458	43215	43217	44127	45870	
Round III minus Round II				112	-24	-173	-480	-412	-1972	
LAMAR COUNTY										
BLOSSOM	RED	LAMAR	PAT MAYSE LAKE/RESERVOIR	201	216	230	245	245	245	LAMAR COUNTY WSD
PARIS	RED	LAMAR	PAT MAYSE LAKE/RESERVOIR	10501	10352	10234	10119	10023	9839	OWNS SYSTEM
PARIS	RED	LAMAR	CROOK LAKE/RESERVOIR	2916	2916	2916	2916	2916	2916	OWNS SYSTEM
RENO	RED	LAMAR	PAT MAYSE LAKE/RESERVOIR	102	115	128	138	149	160	LAMAR COUNTY WSD
COUNTY-OTHER	RED	LAMAR	PAT MAYSE LAKE/RESERVOIR	5	5	6	6	6	6	LAMAR COUNTY WSD
COUNTY-OTHER	RED	LAMAR	TRINITY AQUIFER	56	59	62	65	64	62	OWNS SYSTEM
COUNTY-OTHER	RED	LAMAR	WOODBINE AQUIFER	17	17	0	0	0	0	OWNS SYSTEM
LAMAR COUNTY WSD	RED	LAMAR	PAT MAYSE LAKE/RESERVOIR	5394	5334	5278	5229	5193	5159	PARIS CITY OF
DEPORT	SULPHUR	LAMAR	PAT MAYSE LAKE/RESERVOIR	93	100	106	113	113	113	LAMAR COUNTY WSD
PARIS	SULPHUR	LAMAR	PAT MAYSE LAKE/RESERVOIR	15752	15528	15351	15179	15035	14759	OWNS SYSTEM
PARIS	SULPHUR	LAMAR	CROOK LAKE/RESERVOIR	4374	4374	4374	4374	4374	4374	OWNS SYSTEM
ROXTON	SULPHUR	LAMAR	PAT MAYSE LAKE/RESERVOIR	97	104	111	118	118	118	LAMAR COUNTY WSD
COUNTY-OTHER	SULPHUR	LAMAR	PAT MAYSE LAKE/RESERVOIR	265	269	274	279	277	275	VARIOUS
COUNTY-OTHER	SULPHUR	LAMAR	TRINITY AQUIFER	130	132	134	137	136	135	OWNS SYSTEM
RENO	SULPHUR	LAMAR	PAT MAYSE LAKE/RESERVOIR	455	513	571	616	665	713	LAMAR COUNTY WSD
LAMAR COUNTY WSD	SULPHUR	LAMAR	PAT MAYSE LAKE/RESERVOIR	3596	3557	3518	3486	3462	3438	PARIS CITY OF
County Total - Round III				43954	43591	43293	43020	42776	42312	

Water User Group Name	Basin	County	Source Name	WS2010	WS2020	WS2030	WS2040	WS2050	WS2060	SELLERS_NAME
County Total - Round II				36931	36078	35537	35012	34505	33775	
Round III minus Round II				7023	7513	7756	8008	8271	8537	
MARION COUNTY										
JEFFERSON	CYPRESS	MARION	CYPRESS RIVER COMBINED RUN-OF-RIVER	1287	1287	1287	1287	1287	1287	1287 OWNS SYSTEM
JEFFERSON	CYPRESS	MARION	O' THE PINES LAKE/RESERVOIR	7031	7031	7031	7031	7031	7031	7031 NORTHEAST TEXAS MWD
COUNTY-OTHER	CYPRESS	MARION	O' THE PINES LAKE/RESERVOIR	828	828	828	828	828	828	828 NORTHEAST TEXAS MWD
COUNTY-OTHER	CYPRESS	MARION	CARRIZO-WILCOX AQUIFER	1545	1553	1553	1553	1553	1553	1553 OWNS SYSTEM
COUNTY-OTHER	CYPRESS	MARION	CARRIZO-WILCOX AQUIFER	35	35	35	35	35	35	35 OWNS SYSTEM
DIANA SUD	CYPRESS	MARION	O' THE PINES LAKE/RESERVOIR	30	30	30	30	30	30	30 NORTHEAST TEXAS MWD
DIANA SUD	CYPRESS	MARION	CARRIZO-WILCOX AQUIFER	27	27	27	27	27	27	27 OWNS SYSTEM
County Total - Round III				10783	10791	10791	10791	10791	10791	10791
County Total - Round II				13481	13489	13489	13489	13489	13489	13489
Round III minus Round II				-2698	-2698	-2698	-2698	-2698	-2698	-2698
MORRIS COUNTY										
DAINGERFIELD	CYPRESS	MORRIS	O' THE PINES LAKE/RESERVOIR	7375	7375	7375	7375	7375	7375	7375 NORTHEAST TEXAS MWD
HUGHES SPRINGS	CYPRESS	MORRIS	O' THE PINES LAKE/RESERVOIR	65	65	65	65	65	65	65 NORTHEAST TEXAS MWD
LONE STAR	CYPRESS	MORRIS	O' THE PINES LAKE/RESERVOIR	3482	3482	3482	3482	3482	3482	3482 NORTHEAST TEXAS MWD
NAPLES	CYPRESS	MORRIS	CARRIZO-WILCOX AQUIFER	101	101	101	101	101	101	101 OWNS SYSTEM
OMAHA	CYPRESS	MORRIS	CARRIZO-WILCOX AQUIFER	116	116	116	116	116	116	116 OWNS SYSTEM
COUNTY-OTHER	CYPRESS	MORRIS	O' THE PINES LAKE/RESERVOIR	1242	1242	1242	1242	1242	1242	1242 NORTHEAST TEXAS MWD
COUNTY-OTHER	CYPRESS	MORRIS	CARRIZO-WILCOX AQUIFER	233	233	233	233	233	233	233 OWNS SYSTEM
BI-COUNTY WSC	CYPRESS	MORRIS	CARRIZO-WILCOX AQUIFER	149	149	149	149	149	149	149 OWNS SYSTEM
TRI WSC	CYPRESS	MORRIS	CARRIZO-WILCOX AQUIFER	123	123	123	123	123	123	123 OWNS SYSTEM
NAPLES	SULPHUR	MORRIS	CARRIZO-WILCOX AQUIFER	109	109	109	109	109	109	109 OWNS SYSTEM
COUNTY-OTHER	SULPHUR	MORRIS	CARRIZO-WILCOX AQUIFER	307	307	307	307	307	307	307 OWNS SYSTEM
OMAHA	SULPHUR	MORRIS	CARRIZO-WILCOX AQUIFER	88	88	88	88	88	88	88 OWNS SYSTEM
County Total - Round III				13390	13390	13390	13390	13390	13390	13390
County Total - Round II				17741	17738	17735	17732	17732	17732	17732
Round III minus Round II				-4351	-4348	-4345	-4342	-4342	-4342	-4342
RAINS COUNTY										
EAST TAWAKONI	SABINE	RAINS	TAWAKONI LAKE/RESERVOIR	773	773	773	773	773	773	773 EMORY CITY OF
EMORY	SABINE	RAINS	TAWAKONI LAKE/RESERVOIR	842	834	827	819	811	804	804 SABINE RIVER AUTHORITY
POINT	SABINE	RAINS	TAWAKONI LAKE/RESERVOIR	261	258	255	252	249	246	246 SABINE RIVER AUTHORITY
COUNTY-OTHER	SABINE	RAINS	TAWAKONI LAKE/RESERVOIR	318	318	318	318	318	318	318 VARIOUS
COUNTY-OTHER	SABINE	RAINS	NACATOCH AQUIFER	58	69	75	77	76	74	74 OWNS SYSTEM
COUNTY-OTHER	SABINE	RAINS	CARRIZO-WILCOX AQUIFER	113	113	113	113	113	113	113 OWNS SYSTEM
COUNTY-OTHER	SABINE	RAINS	CARRIZO-WILCOX AQUIFER	181	204	217	220	218	215	215 OWNS SYSTEM
COUNTY-OTHER	SABINE	RAINS	CARRIZO-WILCOX AQUIFER	6	7	7	7	7	7	7 OWNS SYSTEM
BRIGHT STAR-SALEM WSC	SABINE	RAINS	CARRIZO-WILCOX AQUIFER	298	298	298	298	298	298	298 OWNS SYSTEM
BRIGHT STAR-SALEM WSC	SABINE	RAINS	CARRIZO-WILCOX AQUIFER	187	187	187	187	187	187	187 OWNS SYSTEM
BRIGHT STAR-SALEM WSC	SABINE	RAINS	FORK LAKE/RESERVOIR	840	840	840	840	840	840	840 SABINE RIVER AUTHORITY
CASH SUD	SABINE	RAINS	TAWAKONI LAKE/RESERVOIR	86	103	115	118	117	115	115 SABINE RIVER AUTHORITY
County Total - Round III				3963	4004	4025	4022	4007	3990	3990

Water User Group Name	Basin	County	Source Name	WS2010	WS2020	WS2030	WS2040	WS2050	WS2060	SELLERS_NAME
County Total - Round II				2869	2904	2918	2909	2888	2865	
Round III minus Round II				1094	1100	1107	1113	1119	1125	
RED RIVER COUNTY										
COUNTY-OTHER	RED	RED RIVER	PAT MAYSE LAKE/RESERVOIR	118	118	118	118	118	118	118 VARIOUS
COUNTY-OTHER	RED	RED RIVER	WRIGHT PATMAN LAKE/RESERVOIR	72	72	72	72	72	72	72 TEXARKANA CITY OF
COUNTY-OTHER	RED	RED RIVER	TRINITY AQUIFER	23	23	23	23	23	23	23 OWNS SYSTEM
RED RIVER COUNTY WSC	RED	RED RIVER	PAT MAYSE LAKE/RESERVOIR	184	184	184	184	184	184	184 LAMAR COUNTY WSD
RED RIVER COUNTY WSC	RED	RED RIVER	WRIGHT PATMAN LAKE/RESERVOIR	22	21	21	21	21	21	21 TEXARKANA CITY OF
RED RIVER COUNTY WSC	RED	RED RIVER	BLOSSOM AQUIFER	30	30	30	30	30	30	30 OWNS SYSTEM
BOGATA	SULPHUR	RED RIVER	NACATOC AQUIFER	323	323	323	323	323	323	323 OWNS SYSTEM
CLARKSVILLE	SULPHUR	RED RIVER	LANGFORD LAKE/RESERVOIR	377	377	377	377	377	377	377 OWNS SYSTEM
CLARKSVILLE	SULPHUR	RED RIVER	BLOSSOM AQUIFER	468	468	468	468	468	468	468 OWNS SYSTEM
CLARKSVILLE	SULPHUR	RED RIVER	WRIGHT PATMAN LAKE/RESERVOIR	1120	1120	1120	1120	1120	1120	1120 TEXARKANA CITY OF
DETROIT	SULPHUR	RED RIVER	PAT MAYSE LAKE/RESERVOIR	41	41	41	41	41	41	41 LAMAR COUNTY WSD
DETROIT	SULPHUR	RED RIVER	TRINITY AQUIFER	59	59	59	59	59	59	59 OWNS SYSTEM
COUNTY-OTHER	SULPHUR	RED RIVER	PAT MAYSE LAKE/RESERVOIR	138	135	132	129	129	129	129 VARIOUS
COUNTY-OTHER	SULPHUR	RED RIVER	WRIGHT PATMAN LAKE/RESERVOIR	113	113	113	113	113	113	113 TEXARKANA CITY OF
COUNTY-OTHER	SULPHUR	RED RIVER	NACATOC AQUIFER	45	44	43	42	42	42	42 OWNS SYSTEM
COUNTY-OTHER	SULPHUR	RED RIVER	NACATOC AQUIFER	12	12	12	12	12	12	12 OWNS SYSTEM
DEPORT	SULPHUR	RED RIVER	PAT MAYSE LAKE/RESERVOIR	7	7	7	7	7	7	7 LAMAR COUNTY WSD
RED RIVER COUNTY WSC	SULPHUR	RED RIVER	PAT MAYSE LAKE/RESERVOIR	0	0	0	0	0	0	0 LAMAR COUNTY WSD
RED RIVER COUNTY WSC	SULPHUR	RED RIVER	WRIGHT PATMAN LAKE/RESERVOIR	41	41	41	41	41	41	41 TEXARKANA CITY OF
RED RIVER COUNTY WSC	SULPHUR	RED RIVER	BLOSSOM AQUIFER	223	223	223	223	223	223	223 OWNS SYSTEM
RED RIVER COUNTY WSC	SULPHUR	RED RIVER	NACATOC AQUIFER	151	151	151	151	151	151	151 OWNS SYSTEM
County Total - Round III				3566	3561	3557	3553	3553	3553	3553
County Total - Round II				2426	2421	2417	2413	2413	2413	2413
Round III minus Round II				1140	1140	1140	1140	1140	1140	1140
SMITH COUNTY										
LINDALE	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	1126	1126	1126	1126	1126	1126	1126 OWNS SYSTEM
OVERTON	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	18	19	20	22	22	22	23 OWNS SYSTEM
TYLER	SABINE	SMITH	TYLER LAKE/RESERVOIR	358	464	567	668	844	1081	1081 TYLER, CITY OF
TYLER	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	117	117	117	117	117	117	117 OWNS SYSTEM
COUNTY-OTHER	SABINE	SMITH	GLADEWATER LAKE/RESERVOIR	23	23	23	23	23	23	23 GLADEWATER, CITY OF
COUNTY-OTHER	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	2932	3145	3361	3586	3953	4415	4415 OWNS SYSTEM
WINONA	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	118	124	133	141	152	164	164 OWNS SYSTEM
CRYSTAL SYSTEMS INC	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	960	960	960	960	960	960	960 OWNS SYSTEM
JACKSON WSC	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	38	43	48	53	62	74	74 OWNS SYSTEM
LIBERTY CITY WSC	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	16	16	16	16	16	16	16 OWNS SYSTEM
LINDALE RURAL WSC	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	528	528	528	528	528	528	528 OWNS SYSTEM
SMITH COUNTY WCID #1	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	887	887	887	887	887	887	887 OWNS SYSTEM
SOUTHERN UTILITIES COMPANY	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	1800	1900	2100	2300	2700	3200	3200 OWNS SYSTEM
WEST GREGG WSC	SABINE	SMITH	CARRIZO-WILCOX AQUIFER	109	109	109	109	109	109	109 OWNS SYSTEM
County Total - Round III				9030	9461	9995	10536	11499	12723	12723
County Total - Round II				9694	10025	10465	10913	11711	12710	12710
Round III minus Round II				-664	-564	-470	-377	-212	13	13
TITUS COUNTY										

Water User Group Name	Basin	County	Source Name	WS2010	WS2020	WS2030	WS2040	WS2050	WS2060	SELLERS_NAME
MOUNT PLEASANT	CYPRESS	TITUS	BOB SANDLIN LAKE/RESERVOIR	4708	4451	4209	4022	3798	3402	TITUS COUNTY FWD #1
MOUNT PLEASANT	CYPRESS	TITUS	CYPRESS SPRINGS LAKE/RESERVOIR	2443	2203	1963	1723	1483	1233	FRANKLIN COUNTY WD
MOUNT PLEASANT	CYPRESS	TITUS	TANKERSLEY LAKE/RESERVOIR	1164	1107	1064	1021	1956	801	OWNS SYSTEM
COUNTY-OTHER	CYPRESS	TITUS	BOB SANDLIN LAKE/RESERVOIR	159	159	159	159	159	159	VARIOUS
COUNTY-OTHER	CYPRESS	TITUS	CARRIZO-WILCOX AQUIFER	393	415	438	457	475	490	OWNS SYSTEM
BI-COUNTY WSC	CYPRESS	TITUS	CARRIZO-WILCOX AQUIFER	151	151	151	151	151	151	OWNS SYSTEM
CYPRESS SPRINGS WSC	CYPRESS	TITUS	CYPRESS SPRINGS LAKE/RESERVOIR	48	48	48	48	48	48	FRANKLIN COUNTY WD
TRI WSC	CYPRESS	TITUS	BOB SANDLIN LAKE/RESERVOIR	763	849	944	1009	1068	1119	MOUNT PLEASANT CITY OF
TALCO	SULPHUR	TITUS	NACATTOCH AQUIFER	453	453	453	453	453	453	OWNS SYSTEM
COUNTY-OTHER	SULPHUR	TITUS	BOB SANDLIN LAKE/RESERVOIR	547	600	656	689	723	761	VARIOUS
COUNTY-OTHER	SULPHUR	TITUS	NACATTOCH AQUIFER	361	395	432	454	477	500	OWNS SYSTEM
COUNTY-OTHER	SULPHUR	TITUS	NACATTOCH AQUIFER	76	76	76	76	76	76	OWNS SYSTEM
County Total - Round III				11266	10908	10594	10263	10867	9193	
County Total - Round II				11266	10908	10594	10263	10867	9193	
Round III minus Round II				0	0	0	0	0	0	
UPSHUR COUNTY										
GILMER	CYPRESS	UPSHUR	GILMER LAKE/RESERVOIR	5430	5430	5430	5430	5430	5430	GILMER, CITY OF
GILMER	CYPRESS	UPSHUR	CARRIZO-WILCOX AQUIFER	1102	1102	1102	1102	1102	1102	OWNS SYSTEM
ORE CITY	CYPRESS	UPSHUR	O' THE PINES LAKE/RESERVOIR	1869	1869	1869	1869	1869	1869	NORTHEAST TEXAS MWD
ORE CITY	CYPRESS	UPSHUR	CARRIZO-WILCOX AQUIFER	218	218	218	218	218	218	OWNS SYSTEM
COUNTY-OTHER	CYPRESS	UPSHUR	O' THE PINES LAKE/RESERVOIR	394	394	394	394	394	394	NORTHEAST TEXAS MWD
COUNTY-OTHER	CYPRESS	UPSHUR	CARRIZO-WILCOX AQUIFER	1232	1295	1335	1357	1375	1400	OWNS SYSTEM
EAST MOUNTAIN	CYPRESS	UPSHUR	CARRIZO-WILCOX AQUIFER	48	48	48	48	48	48	OWNS SYSTEM
BI-COUNTY WSC	CYPRESS	UPSHUR	CARRIZO-WILCOX AQUIFER	445	445	445	445	445	445	OWNS SYSTEM
DIANA SUD	CYPRESS	UPSHUR	O' THE PINES LAKE/RESERVOIR	650	650	650	650	650	650	NORTHEAST TEXAS MWD
DIANA SUD	CYPRESS	UPSHUR	CARRIZO-WILCOX AQUIFER	605	605	605	605	605	605	OWNS SYSTEM
PRITCHETT WSC	CYPRESS	UPSHUR	CARRIZO-WILCOX AQUIFER	352	352	352	352	352	352	OWNS SYSTEM
SHARON WSC	CYPRESS	UPSHUR	CARRIZO-WILCOX AQUIFER	323	323	323	323	323	323	OWNS SYSTEM
BIG SANDY	SABINE	UPSHUR	CARRIZO-WILCOX AQUIFER	328	328	328	328	328	328	OWNS SYSTEM
EAST MOUNTAIN	SABINE	UPSHUR	CARRIZO-WILCOX AQUIFER	280	280	280	280	280	280	OWNS SYSTEM
GLADEWATER	SABINE	UPSHUR	GLADEWATER LAKE/RESERVOIR	607	607	607	607	607	607	GLADEWATER, CITY OF
COUNTY-OTHER	SABINE	UPSHUR	BIG SANDY CREEK LAKE/RESERVOIR	190	190	190	190	190	190	LONGVIEW, CITY OF
COUNTY-OTHER	SABINE	UPSHUR	GLADEWATER LAKE/RESERVOIR	112	112	112	112	112	112	GLADEWATER, CITY OF
COUNTY-OTHER	SABINE	UPSHUR	CARRIZO-WILCOX AQUIFER	472	472	472	472	472	472	OWNS SYSTEM
PRITCHETT WSC	SABINE	UPSHUR	CARRIZO-WILCOX AQUIFER	654	654	654	654	654	654	OWNS SYSTEM
County Total - Round III				15311	15374	15414	15436	15454	15479	
County Total - Round II				15960	16023	16063	16085	16103	16128	
Round III minus Round II				-649	-649	-649	-649	-649	-649	
VAN ZANDT COUNTY										
VAN	NECHES	VAN ZANDT	CARRIZO-WILCOX AQUIFER	517	514	502	493	481	467	OWNS SYSTEM
COUNTY-OTHER	NECHES	VAN ZANDT	CARRIZO-WILCOX AQUIFER	1664	1785	1887	1964	2061	2170	OWNS SYSTEM
BETHEL-ASH WSC	NECHES	VAN ZANDT	CARRIZO-WILCOX AQUIFER	38	43	47	50	54	59	OWNS SYSTEM
R P M WSC	NECHES	VAN ZANDT	CARRIZO-WILCOX AQUIFER	326	326	326	326	326	326	OWNS SYSTEM
CANTON	SABINE	VAN ZANDT	MILL CREEK LAKE/RESERVOIR	706	706	706	706	706	706	OWNS SYSTEM
CANTON	SABINE	VAN ZANDT	CARRIZO-WILCOX AQUIFER	285	285	285	285	285	285	OWNS SYSTEM
EDGEWOOD	SABINE	VAN ZANDT	EDGEWOOD CITY LAKE/RESERVOIR	110	110	110	110	110	110	OWNS SYSTEM
EDGEWOOD	SABINE	VAN ZANDT	TAWAKONI LAKE/RESERVOIR	793	787	781	776	770	764	SABINE RIVER AUTHORITY

Water User Group Name	Basin	County	Source Name	WS2010	WS2020	WS2030	WS2040	WS2050	WS2060	SELLERS_NAME
GRAND SALINE	SABINE	VAN ZANDT	CARRIZO-WILCOX AQUIFER	632	632	632	632	632	632	632 OWNS SYSTEM
VAN	SABINE	VAN ZANDT	CARRIZO-WILCOX AQUIFER	131	134	146	155	167	181	OWNS SYSTEM
WILLS POINT	SABINE	VAN ZANDT	TAWAKONI LAKE/RESERVOIR	648	648	648	648	648	648	SABINE RIVER AUTHORITY
COUNTY-OTHER	SABINE	VAN ZANDT	CARRIZO-WILCOX AQUIFER	1658	1718	1769	1808	1856	1911	OWNS SYSTEM
ABLE SPRINGS WSC	SABINE	VAN ZANDT	TAWAKONI LAKE/RESERVOIR	9	9	9	9	9	9	SABINE RIVER AUTHORITY
COMBINED CONSUMERS										
WSC	SABINE	VAN ZANDT	TAWAKONI LAKE/RESERVOIR	229	266	297	321	351	384	SABINE RIVER AUTHORITY
MACBEE SUD	SABINE	VAN ZANDT	TAWAKONI LAKE/RESERVOIR	822	822	822	819	753	650	SABINE RIVER AUTHORITY
MACBEE SUD	SABINE	VAN ZANDT	CARRIZO-WILCOX AQUIFER	75	75	75	75	75	75	OWNS SYSTEM
SOUTH TAWAKONI WSC	SABINE	VAN ZANDT	TAWAKONI LAKE/RESERVOIR	1056	1048	1041	1033	1025	1018	SABINE RIVER AUTHORITY
WILLS POINT	TRINITY	VAN ZANDT	TAWAKONI LAKE/RESERVOIR	1458	1443	1427	1412	1396	1381	SABINE RIVER AUTHORITY
COUNTY-OTHER	TRINITY	VAN ZANDT	CARRIZO-WILCOX AQUIFER	134	134	134	134	134	134	OWNS SYSTEM
COUNTY-OTHER	TRINITY	VAN ZANDT	CARRIZO-WILCOX AQUIFER	405	466	517	555	604	658	OWNS SYSTEM
MACBEE SUD	TRINITY	VAN ZANDT	TAWAKONI LAKE/RESERVOIR	1152	1136	1120	1104	1088	1072	SABINE RIVER AUTHORITY
County Total - Round III				12847	13086	13281	13414	13531	13639	
County Total - Round II				12767	13000	13188	13315	13425	13525	
Round III minus Round II				80	86	93	99	106	114	
WOOD COUNTY										
WINNSBORO	CYPRESS	WOOD	CYPRESS SPRINGS LAKE/RESERVOIR	300	300	300	300	300	300	FRANKLIN COUNTY WD
COUNTY-OTHER	CYPRESS	WOOD	CARRIZO-WILCOX AQUIFER	26	29	31	31	31	31	OWNS SYSTEM
CYPRESS SPRINGS WSC	CYPRESS	WOOD	CYPRESS SPRINGS LAKE/RESERVOIR	76	76	76	76	76	76	FRANKLIN COUNTY WD
SHARON WSC	CYPRESS	WOOD	CARRIZO-WILCOX AQUIFER	139	139	139	139	139	139	OWNS SYSTEM
HAWKINS	SABINE	WOOD	CARRIZO-WILCOX AQUIFER	1150	1150	1150	1150	1150	1150	OWNS SYSTEM
MINEOLA	SABINE	WOOD	CARRIZO-WILCOX AQUIFER	869	869	869	869	869	869	OWNS SYSTEM
QUITMAN	SABINE	WOOD	FORK LAKE/RESERVOIR	1026	1019	1012	1004	997	990	SABINE RIVER AUTHORITY
WINNSBORO	SABINE	WOOD	CYPRESS SPRINGS LAKE/RESERVOIR	500	500	500	500	500	500	FRANKLIN COUNTY WD
COUNTY-OTHER	SABINE	WOOD	CARRIZO-WILCOX AQUIFER	2	2	2	2	2	2	OWNS SYSTEM
COUNTY-OTHER	SABINE	WOOD	CARRIZO-WILCOX AQUIFER	4668	4748	4792	4795	4794	4794	OWNS SYSTEM
BRIGHT STAR-SALEM WSC	SABINE	WOOD	CARRIZO-WILCOX AQUIFER	212	212	212	212	212	212	OWNS SYSTEM
PRITCHETT WSC	SABINE	WOOD	CARRIZO-WILCOX AQUIFER	4	4	4	4	4	4	OWNS SYSTEM
RAMEY WSC	SABINE	WOOD	CARRIZO-WILCOX AQUIFER	758	758	758	758	758	758	OWNS SYSTEM
SHARON WSC	SABINE	WOOD	CARRIZO-WILCOX AQUIFER	434	434	434	434	434	434	OWNS SYSTEM
County Total - Round III				10164	10240	10279	10274	10266	10259	
County Total - Round II				10141	10217	10256	10251	10243	10236	
Round III minus Round II				23	23	23	23	23	23	
Regional Total - Round III				405794	405128	404582	403903	405934	404708	
Regional Total - Round II				346058	345433	345284	345157	346966	347083	
Round III minus Round II				59736	59695	59298	58746	58968	57625	

Table C4.1 - Region D - North East Texas
STRATEGY RECOMMENDATION SUMMARY to 2060

County	WUG/ CO	Entity	Projected Deficit (-) / Recommendation (ac-ft/yr) By Year						Strategy	Supply Source			Reliability of Source
			2010	2020	2030	2040	2050	2060		Ground Water	Surface Water	County	
Bowie	WUG	Central Bowie WSC	-257	-303	-336	-369	-362	-353	Contract	Lake Wright Patman	Bowie	Sulphur	High
Bowie	WUG	Hooks, City of	-81	-108	-130	-151	-151	-151	Contract	Lake Wright Patman	Bowie	Sulphur	High
Bowie	WUG	Macedonia-Eylau MUD	-217	-251	-270	-294	-279	-270	Contract	Lake Wright Patman	Bowie	Sulphur	High
Bowie	WUG	New Boston, City of	-45	-101	-139	-175	-168	-168	Contract	Lake Wright Patman	Bowie	Sulphur	High
Bowie	WUG	Redwater, City of	-4	-4	-7	-14	-14	-14	Contract	Lake Wright Patman	Bowie	Sulphur	High
Bowie	WUG	Wake Village	-356	-414	-472	-529	-587	-645	Contract	Lake Wright Patman	Bowie	Sulphur	High
Bowie	CO	Burns-Redbank WSC	-80	-89	-94	-99	-95	-92	Contract	Lake Wright Patman	Bowie	Sulphur	High
Bowie	CO	Oak Grove WSC	-44	-48	-50	-52	-50	-49	Contract	Lake Wright Patman	Bowie	Sulphur	High
Bowie	CO	Red River Redevelopment Authority	-21	-567	-1114	-1114	-1114	-1114	Contract	Caney Creek Lake / Elliott Creek Lake	Bowie	Sulphur	High
Bowie	CO	Redwater, City of	-146	-155	-160	-164	-160	-157	Contract	Lake Wright Patman	Bowie	Sulphur	High
Camp	WUG	Bi-County WSC	-128	-299	-434	-539	-653	-653	Contract	NETMWD, Lake Bob Sandlin	Titus	Cypress	High
Camp	CO	Woodland Harbor	-61	-60	-60	-60	-60	-60	2 wells	Carizzo-Wilcox	Camp	Cypress	High
Cass	WUG	None											
Cass	CO	None											
Delta	WUG	None											
Delta	CO	Ben Franklin WSC	-33	-33	-36	-36	-36	-36	Contract	Big Creek Lake	Delta	Sulphur	High
Franklin	WUG	None											
Franklin	CO	None											
Gregg	WUG	Clarksville City, City of	-120	-134	-148	-164	-186	-217	3 wells	Carizzo-Wilcox	Gregg	Sabine	High
Gregg	WUG	Liberty City WSC	162	162	162	242	242	242	4 wells	Carizzo-Wilcox	Gregg	Sabine	High

Table C4.1 - Region D - North East Texas
STRATEGY RECOMMENDATION SUMMARY to 2060

County	WUG/ CO	Entity	Projected Deficit (±) / Recommendation (ac-ft/yr) By Year						Strategy	Supply Source			Reliability of Source	
			2010	2020	2030	2040	2050	2060		Ground Water	Surface Water	County		Basin
Gregg	WUG	West Gregg SUD			-56 70	-119 140	-208 210	-333 350	5 wells	Carrizo-Wilcox		Gregg	Sabine	High
Gregg	CO	Liberty-Danville FWSD No. 2				-1 1	-17 40	-40 40	Contract		Sabine Run of the River	Gregg	Sabine	High
Gregg	CO	Starrville-Friendship WSC				-19 108	-54 108	-101 108	1 well	Carrizo-Wilcox		Smith	Sabine	High
Harrison	WUG	Waskom, City of	-55 92	-101 138	-134 138	-159 185	-188 231	-231 231	4 wells	Carrizo-Wilcox		Harrison	Cypress	High
Harrison	WUG	Steam Electric				-3122 3122	-8107 8107	-14184 14184	Contract		Lake O' The Pines, Cypress Run of River	Marion	Cypress	High
Harrison	CO	Blocker-Crossroads WSC	-78 86	-91 86	-100 129	-107 129	-116 129	-128 129	3 wells	Carrizo-Wilcox		Harrison	Sabine	High
Harrison	CO	Caddo Lake WSC	-10 43	-6 43	-19 43	-27 43	-37 43	-52 86	2 wells	Carrizo-Wilcox		Harrison	Cypress	High
Harrison	CO	Waskom Rural WSC #1 & 2						-5 43	1 well	Carrizo-Wilcox		Harrison	Cypress	High
Harrison	CO	Leigh WSC						-1 43	1 well	Carrizo-Wilcox		Harrison	Cypress	High
Harrison	CO	Scottsville, City of						-7 65	1 well	Carrizo-Wilcox		Harrison	Cypress	High
Harrison	CO	Talley WSC	-59 59	-81 118	-97 118	-109 118	-122 177	-142 177	3 wells	Carrizo-Wilcox		Harrison	Sabine	High
Hopkins	WUG	None												
Hopkins	CO	Miller Grove WSC			-24 35	-30 35	-17 35	-6 35	1 well	Nacatoch		Hopkins	Sulphur	High
Hunt	WUG	Able Springs WSC					-47 47	-143 143	Contract		SRA, Toledo Bend Transfer	-	-	High
Hunt	WUG	Campbell WSC	-9 108	-46 108	-101 108	-201 108	-424 108	-773 108	2 wells / Contract	Nacatoch	City of Commerce, Lake Tawakoni	Hunt	Sabine	High
Hunt	WUG	Cash SUD					-798 3865	-4305 3865	Contract		SRA, Toledo Bend Transfer	-	-	High
Hunt	WUG	Celeste, City of					1037	1057	Contract		NTMWD, Future Allocation	-	-	High
Hunt	WUG	Combined Consumers WSC					-832 832	-2617 2617	Contract		City of Greenville, Lake Tawakoni	Hunt	Sabine	High
Hunt	WUG	Hickory Creek SUD				-198 269	-670 807	-1418 1613	6 Wells	Woodbine	SRA, Toledo Bend Transfer	-	-	High
Hunt	WUG	North Hunt WSC	-164 164	-247 247	-366 366	-560 560	-988 988	-1659 1659	Contract		City of Commerce, Lake Tawakoni	Hunt	Sabine	High
Hunt	WUG	Steam Electric	-8639 8639	-12366 12366	-14457 14457	-17006 17006	-20114 20114	-23902 23902	Contract		SRA, Toledo Bend Transfer	-	-	High

Table C4.1 - Region D - North East Texas
STRATEGY RECOMMENDATION SUMMARY to 2060

County	WUG/ CO	Entity	Projected Deficit (-) / Recommendation (ac-ft/yr) By Year					Strategy	Supply Source		Reliability of Source		
			2010	2020	2030	2040	2050		2060	Ground Water		Surface Water	
Hunt	WUG	Wolfe City			-20	-34	-66	-114		City of Commerce, Lake Tawakoni	Hunt	Sabine	High
Hunt	CO	Jacobia WSC			20	34	66	114	Contract		Hunt	Sabine	High
Hunt	CO	Little Creek Acres			-27	-54	-93	-153	Contract	City of Greenville, Lake Tawakoni	Hunt	Sabine	High
Hunt	CO	Maloy WSC	-20	27	37	54	93	153	Contract	Cash WSC, Lake Tawakoni	Hunt	Sabine	High
Hunt	CO	Poetry WSC	-26	39	57	84	154	263	Contract	City of Commerce, Lake Tawakoni	Hunt	Sabine	High
Hunt	CO	Shady Grove WSC	26	39	57	84	154	263	Contract	City of Terrell, Lake Tawakoni	Hunt	Sabine	High
Hunt	CO	West Leonard WSC			-1	-5	-12	-24	Contract	City of Greenville, Lake Tawakoni	Hunt	Sabine	High
Lamar	WUG	Steam Electric			-980	-2733	-4870	-7474	1 well	Woodbine	Fannin	Trinity	High
Lamar	CO	Petty WSC	-1	2	20	21	20	20	Contract		Lamar	Red River	High
Marion	WUG	None			81	81	81	81	Contract	City of Paris, Pat Mayse Lake	Lamar	Red River	High
Marion	CO	None			980	2733	4870	7474	Contract	LCWSD, Pat Mayse Lake	Lamar	Red River	High
Morris	WUG	None			-20	-21	-20	-20	Contract		Lamar	Red River	High
Morris	CO	None			2	21	20	20	Contract		Lamar	Red River	High
Rains	WUG	None			-160	-239	-284	-287	Contract		Hunt	Sabine	High
Rains	CO	South Rains WSC	160	239	284	295	287	277	Contract	City of Emory, Lake Tawakoni	Hunt	Sabine	High
Red River	WUG	None											
Red River	CO	None											
Smith	WUG	Crystal Systems Inc.			-45	-209	-425	-538	2 wells	Camizo-Wilcox	Smith	Sabine	High
Smith	WUG	Lindale Rural WSC			269	269	269	538	1 well	Camizo-Wilcox	Smith	Sabine	High
Smith	WUG	Lindale, City of			-77	-189	-215	-215	1 well	Camizo-Wilcox	Smith	Sabine	High
Smith	WUG	Wmna, City of			-101	-376	-376	-5	Contract	Camizo-Wilcox	Smith	Sabine	High

Table C4.1 - Region D - North East Texas
STRATEGY RECOMMENDATION SUMMARY to 2060

County	WUG/ CO	Entity	Projected Deficit (-) / Recommendation (ac-ft/yr) By Year					Strategy	Supply Source		Reliability of Source					
			2010	2020	2030	2040	2050		2060	Ground Water		Surface Water				
Smith	CO	Star Mountain WSC				-1	108	108	-36	-83	1 well	Carrizo-Wilcox	Smith	Sabine	High	
Titus	WUG	Steam Electric				-4535	-17,738	-31,909			Contract		NETMWD, Lake O' the Pines	Cass	Cypress	High
Titus	CO	None														
Upshur	WUG	None														
Van Zandt	WUG	Canton, City of				-29	97	97	-57	-104	4 wells	Carrizo-Wilcox	Van Zandt	Sabine	High	
Van Zandt	WUG	Grand Saline, City of				-39	161	161	-73	-137	2 wells	Carrizo-Wilcox	Van Zandt	Sabine	High	
Van Zandt	WUG	R-P-M WSC									2 wells	Carrizo-Wilcox	Van Zandt	Neches	High	
Van Zandt	WUG	City of Van							-25	-83	1 well	Carrizo-Wilcox	Van Zandt	Neches	High	
Van Zandt	CO	Corinth WSC							-6	-23	1 well	Carrizo-Wilcox	Van Zandt	Sabine	High	
Van Zandt	CO	Crooked Creek WSC				-8	59	59	-21	-42	1 well	Carrizo-Wilcox	Van Zandt	Sabine	High	
Van Zandt	CO	Edom WSC				-16	43	43	-34	-66	2 wells	Carrizo-Wilcox	Van Zandt	Sabine	High	
Van Zandt	CO	Fruitvale WSC				-64	129	129	-119	-211	7 wells	Carrizo-Wilcox	Van Zandt	Sabine	High	
Van Zandt	CO	Little Hope-Moore WSC				-13	38	38	-48	-78	5 wells	Carrizo-Wilcox	Van Zandt	Sabine / Neches	High	
Wood	WUG	Mineola, City of				-203	403	403	-318	-374	1 well	Carrizo-Wilcox	Wood	Sabine	High	
Wood	CO	None														

EVALUATION OF WATER MANAGEMENT STRATEGIES FOR MEETING THE PROJECTED WATER SUPPLY NEEDS OF CASH SPECIAL UTILITY DISTRICT

Description of Water User Group:

Cash Special Utility District is a public water supply located primarily in Hunt County. The SUD sells water to Aqua Source Utility, City of Lone Oak and City of Quinlan. In addition to meeting the needs of its wholesale customers, Cash supplies water to consumers in Hunt, Hopkins, Rains and Rockwall counties. Approximately 90% of Cash’s demand is located in Hunt County. Current water supply is from the Sabine River Authority (SRA) and North Texas Municipal Water District (NTMWD). Approximately 76% of water supply to Cash SUD is from SRA, and Cash plans to buy additional water from this source to meet their future needs. Cash is projected to have a supply deficit of 1015 ac-ft/yr in 2050 and increasing to 4546 ac-ft/yr in 2060, and will need a contract increase in order to supply this projected shortage. Normally, Cash would request a contract increase from SRA, but the authority has allocated all Lake Tawakoni and Lake Fork water to its existing customers. SRA is proposing to transfer water from Toledo Bend Reservoir to meet anticipated needs of its customers. Water from Toledo Bend will be used to meet Cash SUD needs in 2060.

Cash SUD has a contract with NTMWD for 1792 ac-ft/yr. Region C’s tabulations show NTMWD as not having sufficient water to meet all their contractual obligation to Cash SUD. Consequently, Region C has developed tables to show current and future allocation to Cash SUD from NTMWD. A location map for Cash SUD is included as Attachment A.

Water Supply and Demand Analysis:

	2010	2020	2030	2040	2050	2060
Population	13401	16574	21155	28728	45657	72191
Projected Water Demand	1939	2400	3030	4037	6244	9693
Water Demand from other entities	941	941	941	941	941	941
Current Water Supply	6857	6549	6384	6262	6170	6088
Projected Supply Surplus (+) / Deficit (-)	3977	3208	2413	1284	-1015	-4546

Evaluation of Potentially Feasible Water Management Strategies:

The four alternative strategies considered to meet Cash SUD’s water supply shortages are listed in the table below. Advanced conservation was not selected since per capita use is less than 140 gpcpd. There are no significant current water needs in Cash that could be met by water reuse. Groundwater was not selected because it is inadequate in quality and quantity for supplies of this size. Consequently, surface water was selected as the alternative to meet projected demands. Surface water worksheet for region D strategy is included as Attachment B.

Strategy	Firm Yield (ac-ft)	Total Capital Cost	Total Annual Cost	Unit Cost	Environmental Impact
Advanced Water Conservation					
Water Reuse					
Ground Water					
Surface Water (NTMWD)	1057	-	-	-	-
Surface Water (Toledo Bend)	3865	-	\$67,943	\$95	Minimal

Recommendations:

	2010	2020	2030	2040	2050	2060
Surface Water - Toledo Bend (ac-ft/yr)	0	0	0	0	449	3865
Surface Water - NTMWD future allocation (ac-ft/yr)	530	796	910	1003	1037	1057

The recommended strategy for Cash SUD to meet their projected deficit in *2050 and 2060* is to purchase raw water from the Sabine River Authority's proposed Toledo Bend Transfer. Also, Region C has developed strategies to meet NTMWD's contractual obligation to Cash SUD.

Table 7.1
Summary of Evaluation of Water Management Strategies

County	WUG/ CO	Entity	Strategy	Quantity (Ac-Ft/Yr)	Reliability	Cost (\$/Ac-Ft)	Impacts of Strategy on:			Key Water Quality Parameter s	Political Feasibility
							Environmental Factors	Agricultural Resources/ Rural Areas	Other Natural Resources		
				#	*(1-5)	\$	** (1-5)	** (1-5)	** (1-5)	** (1-5)	** (1-5)
Bowie	WUG	Central Bowie WSC	Increase Existing Contract	482	1	\$430	1	1	1	1	1
Bowie	WUG	Hooks, City of	Increase Existing Contract	215	1	\$430	1	1	1	1	1
Bowie	WUG	Macedonia-Eylau MUD	Increase Existing Contract	482	1	\$430	1	1	1	1	1
Bowie	WUG	New Boston, City of	Increase Existing Contract	215	1	\$430	1	1	1	1	1
Bowie	WUG	Redwater, City of	Increase Existing Contract	482	1	\$430	1	1	1	1	1
Bowie	WUG	Wake Village	Increase Existing Contract	215	1	\$430	1	1	1	1	1
Bowie	CO	Burns - Redbank WSC	Increase Existing Contract	283	1	\$430	1	1	1	1	1
Bowie	CO	Oak Grove WSC	Increase Existing Contract	482	1	\$430	1	1	1	1	1
Bowie	CO	Red River Development Authority	Water Purchase	482	1	\$430	1	1	1	1	1
Camp	WUG	Bi-County WSC	New Surface Water Contract	653	1	\$657	1	1	1	1	1
Camp	CO	Woodland Harbor	Drill 2 New Wells	65	1	\$764	1	1	1	1	1
Cass	WUG	Manufacturing	Increase Existing Contract	50,471	1	\$652	1	1	1	1	1
Delta	CO	Ben Franklin WSC	New Surface Water Contract	36	1	\$2,310	1	1	1	1	1
Gregg	WUG	Clarksville City, City of	Drill 3 New Wells	242	1	\$803	1	1	1	1	1
Gregg	WUG	Liberty City WSC	Drill 4 New Wells	376	1	\$835	1	1	1	1	1
Gregg	WUG	West Gregg SUD	Drill 5 New Wells	350	3	\$378	1	1	1	3	3
Gregg	CO	Liberty-Danville FWSD No. 2	Increase Existing Contract	40	1	\$815	1	1	1	1	1
Gregg	CO	Starville-Friendship WSC	Drill New Well	108	3	\$295	1	1	1	3	3
Harrison	WUG	Waskom, City of	Drill 5 New Wells	231	3	\$581	1	1	1	3	3
Harrison	WUG	Steam Electric	Increase Existing Contract	12,914	1	\$652	1	1	1	1	1
Harrison	CO	Blocker-Crossroads WSC	Drill 3 New Wells	129	3	\$386	1	1	1	3	3
Harrison	CO	Caddo Lake WSC	Drill 2 New Wells	86	3	\$325	1	1	1	3	3
Harrison	CO	Leigh WSC	Drill New Well	43	3	\$353	1	1	1	3	1
Harrison	CO	Scottsville, City of	Drill New Well	65	1	\$331	1	1	1	1	1
Harrison	CO	Talley WSC	Drill 3 New Wells	177	3	\$404	1	1	1	3	1
Harrison	CO	Waskom Rural WSC #1	Drill New Well	80	3	\$302	1	1	1	3	3
Hopkins	CO	Miller Grove WSC	Drill New Well	35	1	\$1,226	1	1	1	1	1
Hunt	WUG	Able Springs WSC	New Surface Water Contract	143	1	\$95	1	1	1	1	1
Hunt	WUG	Campbell WSC	Drill 2 New Wells & New Surface Water Contract	773	3	\$1,735	1	1	1	3	1
Hunt	WUG	Cash WSC	New Surface Water Contract	3121	1	\$95	1	1	1	1	1
Hunt	WUG	Celeste, City of	New Surface Water Contract	63	1	\$7,069	1	1	1	1	1

**Table 7.1
Summary of Evaluation of Water Management Strategies**

County	WUG/ CO	Entity	Strategy	Quantity (Ac-Ft/Yr)	Reliability	Cost (\$/Ac-Ft)	Impacts of Strategy on:			Key Water Quality Parameter s	Political Feasibility
							Environmental Factors	Agricultural Resources/ Rural Areas	Other Natural Resources		
				#	*(1-5)	\$	** (1-5)	** (1-5)	** (1-5)	** (1-5)	** (1-5)
Hunt	WUG	Combined Consumers WSC	New Surface Water Contract	2,617	1	\$95	1	1	1	1	1
Hunt	WUG	Hickory Creek SUD	Drill 6 New Wells	1,613	1	\$985	1	1	1	1	1
Hunt	WUG	North Hunt WSC	Increase Existing Contract	1,659	1	\$1,085	1	1	1	1	1
Hunt	WUG	Steam Electric	New Surface Water Contract	23,902	1	\$190	1	1	1	1	1
Hunt	WUG	Wolfe City	New Surface Water Contract	114	1	\$3,794	1	1	1	1	1
Hunt	CO	Jacobla WSC	Increase Existing Contract	328	1	\$1,049	1	1	1	1	1
Hunt	CO	Little Creek Acres	New Surface Water Contract	153	1	\$1,537	1	1	1	1	1
Hunt	CO	Maloy WSC	Increase Existing Contract	263	1	\$1,085	1	1	1	1	1
Hunt	CO	Poetry WSC	Increase Existing Contract	46	1	\$1,668	1	1	1	1	1
Hunt	CO	Shady Grove WSC	Increase Existing Contract	280	1	\$1,049	1	1	1	1	1
Hunt	CO	West Leonard WSC	Drill a New Well	81	1	\$747	1	1	1	1	1
Lamar	CO	Petty WSC	New Surface Water Contract	21	1	\$1,032	1	1	1	1	1
Lamar	WUG	Steam Electric	Increase Existing Contract	7,474	1	\$65	1	1	1	1	1
Rains	CO	South Rains WSC	Increase Existing Contract	295	1	\$1,093	1	1	1	1	1
Smith	WUG	Crystal Systems Inc.	Drill 2 New Wells	538	1	\$610	1	1	1	1	1
Smith	WUG	Lindale Rural WSC	Drill a New Well	215	3	\$330	1	1	1	3	1
Smith	WUG	Lindale, City of	Drill a New Well	376	3	\$319	1	1	1	3	1
Smith	WUG	Winona, City of	Increase Existing Contract	5	1	\$1,150	1	1	1	1	1
Smith	CO	Star Mountain WSC	Drill a New Well	108	3	\$330	1	1	1	3	1
Titus	WUG	Steam Electric	Increase Existing Contract	29,350	1	\$508	1	1	1	1	1
Van Zandt	WUG	Canton, City of	Drill 2 New Wells	194	3	\$732	1	1	1	3	1
Van Zandt	WUG	Canton, City of	Water Reuse (alternate)	1,456	1	\$6,786	2	2	2	2	2
Van Zandt	WUG	Canton, City of	Grand Saline Creek Surface Water Supply (alternate)	161	1	\$58,133	3	3	2	2	4
Van Zandt	WUG	Grand Saline, City of	Drill 2 New Wells	323	1	\$366	1	1	1	1	1
Van Zandt	WUG	R-P-M WSC	Drill a New Well	65	3	\$451	1	1	1	3	1
Van Zandt	WUG	Van, City of	Drill a New Well	134	1	\$727	1	1	1	3	1
Van Zandt	CO	Corinth WSC	Drill a New Well	27	3	\$1,752	1	1	1	3	1
Van Zandt	CO	Crooked Creek WSC	Drill a New Well	59	3	\$431	1	1	1	3	1
Van Zandt	CO	Edom WSC	Drill 2 New Wells	86	1	\$833	1	1	1	1	1
Van Zandt	CO	Fruitvale WSC	Drill 7 New Wells	301	3	\$1,015	1	1	1	3	1
Van Zandt	CO	Little Hope-Moore WSC	Drill 5 New Wells	188	3	\$920	1	1	1	3	1
Wood	WUG	Mineola, City of	Drill a New Well	403	1	\$247	1	1	1	1	1

* 1-Very Reliable, 5-Not Reliable

**1-Little or No Impact, 5-Significant Impact

Table 7.2
Summary of Environmental Assessment

County	WUG/ CO	Entity	Strategy	Environmental Factors									
				Total Acres Impacts	Wetland Acres	Envir Water Needs	Habitat	Threat and Endanger Species	Cultural Resources	Bays & Estuaries	Envir Water Quality	Overall Environmental Impacts	
				#	#	(1-5)	(1-5)	#	(1-5)	(1-5)	(1-5)	(1-5)	(1-5)
Bowie	WUG	Central Bowie WSC	Increase Existing Contract	1	0	1	1	19	1	1	1	1	1
Bowie	WUG	Hooks, City of	Increase Existing Contract	1	0	1	1	19	1	1	1	1	1
Bowie	WUG	Macedonia-Eylan MUD	Increase Existing Contract	1	0	1	1	19	1	1	1	1	1
Bowie	WUG	New Boston, City of	Increase Existing Contract	1	0	1	1	19	1	1	1	1	1
Bowie	WUG	Redwater, City of	Increase Existing Contract	1	0	1	1	19	1	1	1	1	1
Bowie	WUG	Wake Village	Increase Existing Contract	1	0	1	1	19	1	1	1	1	1
Bowie	CO	Burns-Redbank WSC	Increase Existing Contract	1	0	1	1	19	1	1	1	1	1
Bowie	CO	Oak Grove WSC	Increase Existing Contract	1	0	1	1	19	1	1	1	1	1
Bowie	CO	Red River Development Authority	Water Right Permit from TCEQ	1	0	1	1	19	1	1	1	1	1
Camp	WUG	Bi-County WSC	Drill 2 New Wells & New Surface Water Contract	2	0	1	1	17	1	1	1	1	1
Camp	CO	Woodland Harbor	Drill 2 New Wells	2	0	1	1	16	1	1	1	1	1
Cass	WUG	Manufacturing	Increase Contract	1	0	1	1	23	1	1	1	1	1
Delta	CO	Ben Franklin WSC	New Surface Water Contract	3	0	1	1	20	1	1	1	1	1
Gregg	WUG	Clarksville City, City of	Drill 3 New Wells	3	0	1	1	18	1	1	1	1	1
Gregg	WUG	Liberty City WSC	Drill 4 New Wells	4	0	1	1	18	1	1	1	1	1
Gregg	WUG	West Gregg SUD	Drill 5 New Wells	5	0	1	1	21	1	1	1	1	1
Gregg	CO	Liberty-Danville FWSD No. 2	Increase Existing Contract	1	0	1	1	18	1	1	1	1	1
Gregg	CO	Starnville-Friendship WSC	Drill New Well	1	0	1	1	18	1	1	1	1	1
Harrison	WUG	Waskom, City of	Drill 5 New Wells	5	0	1	1	23	1	1	1	1	1
Harrison	WUG	Steam Electric	Increase Existing Contract	1	0	1	1	23	1	1	1	1	1
Harrison	CO	Blocker-Crossroads WSC	Drill 3 New Wells	3	0	1	1	23	1	1	1	1	1
Harrison	CO	Caddo Lake WSC	Drill 2 New Wells	2	0	1	1	23	1	1	1	1	1
Harrison	CO	Leigh WSC	Drill New Well	1	0	1	1	23	1	1	1	1	1
Harrison	CO	Scottsville, City of	Drill New Well	1	0	1	1	23	1	1	1	1	1
Harrison	CO	Talley WSC	Drill 3 New Wells	3	0	1	1	23	1	1	1	1	1
Harrison	CO	Waskom Rural WSC #1	Drill New Well	1	0	1	1	23	1	1	1	1	1
Hopkins	CO	Miller Grove WSC	Drill New Well	1	0	1	1	19	1	1	1	1	1
Hunt	WUG	Able Springs WSC	New Surface Water Contract	1	0	1	1	15	1	1	1	1	1
Hunt	WUG	Campbell WSC	Drill 2 New Wells & New Surface Water Contract	2	0	1	1	15	1	1	1	1	1
Hunt	WUG	Cash WSC	New Surface Water Contract	1	0	1	1	15	1	1	1	1	1
Hunt	WUG	Celeste, City of	Drill 2 New Wells	2	0	1	1	15	1	1	1	1	1
Hunt	WUG	Combined Consumers WSC	New Surface Water Contract	1	0	1	1	15	1	1	1	1	1
Hunt	WUG	Hickory Creek SUD	Drill 11 New Wells	6	0	1	1	15	1	1	1	1	1
Hunt	WUG	North Hunt WSC	Increase Existing Contract	1	0	1	1	15	1	1	1	1	1
Hunt	WUG	Steam Electric	New Surface Water Contract	1	0	1	1	15	1	1	1	1	1
Hunt	WUG	Wolfe City	Drill 3 New Wells	3	0	1	1	15	1	1	1	1	1
Hunt	CO	Jacobia WSC	Increase Existing Contract	1	0	1	1	15	1	1	1	1	1
Hunt	CO	Little Creek Acres	Drill 8 New Wells	5	0	1	1	15	1	1	1	1	1

Table 7.2
Summary of Environmental Assessment

County	WUG/ CO	Entity	Strategy	Environmental Factors							Overall Environmental Impacts (1-5)	
				Total Acres Impacted #	Wetland Acres #	Envir Water Needs (1-5)	Habitat (1-5)	Threat and Endanger Species #	Cultural Resources (1-5)	Bays & Estuaries (1-5)		Envir Water Quality (1-5)
Hunt	CO	Malby WSC	Increase Existing Contract	1	0	1	1	15	1	N/A	1	1
Hunt	CO	Poetry WSC	Increase Existing Contract	1	0	1	1	15	1	N/A	1	1
Hunt	CO	Shady Grove WSC	Increase Existing Contract	1	0	1	1	15	1	N/A	1	1
Hunt	CO	West Leonard WSC	Drill a New Well	1	0	1	1	15	1	N/A	1	1
Lamar	WUG	Steam Electric	Increase Existing Contract	1	0	1	1	22	1	N/A	1	1
Lamar	CO	Petty WSC	New Surface Water Contract	1	0	1	1	22	1	N/A	1	1
Rains	CO	South Rains WSC	Increase Existing Contract	1	0	1	1	22	1	N/A	1	1
Smith	WUG	Crystal Systems Inc.	Drill 2 New Wells	2	0	1	1	21	1	N/A	1	1
Smith	WUG	Lindale Rural WSC	Drill a New Well	1	0	1	1	21	1	N/A	1	1
Smith	WUG	Lindale, City of	Drill a New Well	1	0	1	1	21	1	N/A	1	1
Smith	WUG	Winona, City of	Increase Existing Contract	1	0	1	1	21	1	N/A	1	1
Smith	CO	Star Mountain WSC	Drill a New Well	1	0	1	1	21	1	N/A	1	1
Titus	WUG	Steam Electric	Increase Existing Contract	1	0	1	1	15	1	N/A	1	1
Van Zandt	WUG	Canton, City of	Drill 2 New Wells	4	0	1	1	21	1	N/A	1	1
Van Zandt	WUG	Canton, City of	Water Reuse (alternate)	20	0	2	1	21	1	N/A	1	2
Van Zandt	WUG	Canton, City of	Grand Saline Creek Surface Water Supply (alternate)	4081	UNK	3	3	21	2	N/A	1	3
Van Zandt	WUG	Grand Saline, City of	Drill 2 New Wells	2	0	1	1	21	1	N/A	1	1
Van Zandt	WUG	R-P-M WSC	Drill a New Well	1	0	1	1	21	1	N/A	1	1
Van Zandt	WUG	Van, City of	Drill a New Well	1	0	1	1	21	1	N/A	1	1
Van Zandt	CO	Coninth WSC	Drill a New Well	1	0	1	1	21	1	N/A	1	1
Van Zandt	CO	Crooked Creek WSC	Drill a New Well	1	0	1	1	21	1	N/A	1	1
Van Zandt	CO	Edom WSC	Drill 2 New Wells	2	0	1	1	21	1	N/A	1	1
Van Zandt	CO	Fruitvale WSC	Drill 7 New Wells	3	0	1	1	21	1	N/A	1	1
Van Zandt	CO	Little Hope-Moore WSC	Drill 5 New Wells	5	0	1	1	21	1	N/A	1	1
Wood	WUG	Mineola, City of	Drill a New Well	1	0	1	1	19	1	N/A	1	1

--1 Indicates Little or No Impact, 5 Indicates Significant Impact