

## BRAZOS RIVER AUTHORITY

### NOTES TO REQUIRED SUPPLEMENTARY INFORMATION (Unaudited)

#### Notes to Schedule of Employer Contributions and Net Pension Liability

#### NOTE A – DESCRIPTION OF CHANGES IN THE BRA’S NET PENSION LIABILITY FOR THE RETIREMENT PLAN FOR EMPLOYEES OF BRAZOS RIVER AUTHORITY

The comparability of trend information is affected by changes in actuarial assumptions, benefit provisions, actuarial funding methods, accounting policies and other changes. Those changes usually affect trends in contribution requirements and in ratios that use the total pension liability as a factor. Isolated analysis of the dollar amounts of actuarial value of assets, total pension liability, and net pension liability can be misleading. The plan fiduciary net position as a percentage of the total pension liability provides an indication of the Plan’s funding status on a going-concern basis. Analysis of this percentage over time indicates whether the Plan is becoming financially stronger or weaker. Generally, the greater the percentage, the stronger the public employee retirement system.

Additional information as of the two most recent actuarial valuation dates as of March 1, 2022 and 2021 are as follows:

	<u>2022</u>	<u>2021</u>
Actuarial cost method	Entry age method	Entry age method
Amortization method	closed 20-year period	closed 20-year period
Payroll growth rate for amortization	N/A	N/A
Remaining amortization period	N/A	N/A
Asset valuation method (Market value)	gains and losses smoothed over a 5-year period	gains and losses smoothed over a 5-year period
Actuarial Assumptions:		
Investment rate of return	6.5%*	6.5%*
Projected salary increases	N/A**	N/A**
Cost-of-living adjustments	N/A**	N/A**
* Includes inflation at	3.5%	3.5%

\*\* Not applicable due to the amendment to freeze the Plan in 2007

Effective September 27, 2021, the Retirement Committee of the BRA voted and approved the change in the mortality table used in the Actuaries assumptions. The new mortality table is the Pub-2010 General table with fully generational improvements using Scale MP-2021, changed from MP-2018. In addition, the Retirement Committee of the BRA voted and approved the change in the actuarial assumption for termination rates to the 2003 Society of Actuaries Pension Plan Turnover Study table for small pension plans, changed from the Sarason T-7 table.

## BRAZOS RIVER AUTHORITY

### NOTES TO REQUIRED SUPPLEMENTARY INFORMATION (Unaudited)

#### Notes to Schedule of Employer Contributions and Net Pension Liability

#### NOTE B – DESCRIPTION OF CHANGES IN THE BRA’S NET PENSION LIABILITY FOR THE TEXAS COUNTY AND DISTRICT RETIREMENT SYSTEM

##### Actuarial Methods and Assumptions Used

Following are the key assumptions and methods used in these schedules:

Valuation Timing	Actuarially determined contribution rates are calculated as of December 31, two years prior to the end of the fiscal year in which the contributions are reported.
Actuarial Cost Method	Entry age actuarial cost method, level percent of payroll
Amortization Method	
Recognition of economic/ demographic gains and losses	Straight-line amortization over expected working life
Recognition of assumption changes or inputs	Straight-line amortization over expected working life
Asset Valuation Method	
Smoothing period	5 years
Recognition method	Non-asymptotic
Corridor	None
Inflation	2.5%
Salary Increases	3.00% (made up of 2.50% inflation and .05% productivity increase assumptions) and a merit, promotion and longevity component that on average approximates 1.7% per year for a career employee.
Investment Rate of Return	7.6% (2)
Cost-of-Living Adjustments	Cost-of-living adjustments for BRA are not considered to be substantively automatic under GASB 68. Therefore, no assumption for future cost-of-living adjustments are included in the GASB calculations. No assumption for future cost-of-living adjustments are included in the funding valuation.

##### Note to schedule:

- (1) Individual entry age normal cost method, as required by GASB 68, used for GASB calculations. Note that a slightly different version of the entry age normal cost method is used for the funding actuarial valuation.
- (2) Return should be net of investment expenses, but gross of administrative expenses for GASB 68 purposes. Therefore, we have used a discount rate of 7.6%. This rate reflects the long-term assumed rate of return on assets for funding purposes of 7.5%, net of all expenses, increased by 0.1% to be gross of administrative expenses.

**BRAZOS RIVER AUTHORITY**

**NOTES TO REQUIRED SUPPLEMENTARY INFORMATION  
(Unaudited)**

**Notes to Schedule of Employer Contributions and Net Pension Liability**

**NOTE B – DESCRIPTION OF CHANGES IN THE BRA’S NET PENSION (ASSETS)/LIABILITY  
FOR THE TEXAS COUNTY & DISTRICT RETIREMENT SYSTEM (Continued)**

**Demographic Assumptions**

Retirement age Annual Rates of Service Retirement *					
<u>Age</u>	<u>Active Svc &lt; 15</u>	<u>Active Svc 15-24</u>	<u>Active Svc 25-29</u>	<u>Active Svc 30+</u>	<u>Deferred All Svc</u>
40-49	5.3%	6.3%	7.7%	8.8%	0.0%
50	5.6	6.8	8.3	9.4	0.0
51	5.6	6.8	8.3	9.4	0.0
52	6.0	7.2	8.8	10.0	0.0
53	6.0	7.2	8.8	10.0	0.0
54	6.8	8.1	9.9	11.3	0.0
55	6.8	8.1	9.9	11.3	0.0
56	6.8	8.1	9.9	11.3	0.0
57	7.5	9.0	11.0	12.5	0.0
58	7.5	9.0	11.0	12.5	0.0
59	7.5	9.0	11.0	12.5	0.0
60	9.0	10.8	13.2	15.0	12.0
61	9.0	10.8	13.2	15.0	12.0
62	13.5	16.2	19.8	22.5	18.0
63	11.3	13.5	16.5	18.8	15.0
64	11.3	13.5	16.5	18.8	15.0
65	22.5	22.5	27.5	27.5	25.0
66	22.5	22.5	27.5	27.5	25.0
67	21.6	21.6	26.4	26.4	24.0
68	18.9	18.9	23.1	23.1	21.0
69	18.9	18.9	23.1	23.1	21.0
70	20.7	20.7	25.3	25.3	23.0
71	20.7	20.7	25.3	25.3	23.0
72	20.7	20.7	25.3	25.3	23.0
73	20.7	20.7	25.3	25.3	23.0
74	20.7	20.7	25.3	25.3	23.0
75& Above	100.0	100.0	100.0	100.0	100.0

\* For all eligible members ages 75 and later, retirement is assumed to occur immediately.

**Other Terminations of Employment** - The rate of assumed future termination from active participation in the plan for reasons other than death, disability or retirement vary by length of service, entry - age group (age at hire), and sex. No termination after eligibility for retirement is assumed.

**BRAZOS RIVER AUTHORITY**

**NOTES TO REQUIRED SUPPLEMENTARY INFORMATION  
(Unaudited)**

**Notes to Schedule of Employer Contributions and Net Pension Liability**

**NOTE B – DESCRIPTION OF CHANGES IN THE BRA’S NET PENSION (ASSETS)/LIABILITY  
FOR THE TEXAS COUNTY & DISTRICT RETIREMENT SYSTEM (Continued)**

**Withdrawals** - Members who terminate may either elect to leave their account with TCDRS or withdraw their funds. The probability that a member elects a withdrawal varies by length of service and vesting schedule. Rates applied to the BRA’s plan are shown in the table below. For non-depositing members who are not vested, 100% are assumed to elect a withdrawal.

**Probability of Withdrawal\***

<b>Years of Service</b>	<b>Probability</b>	<b>Years of Service</b>	<b>Probability</b>	<b>Years of Service</b>	<b>Probability</b>	<b>Years of Service</b>	<b>Probability</b>
0-1	100%	8	34%	15	26%	22	19%
2	100	9	33	16	25	23	19
3	100	10	32	17	24	24	18
4	100	11	31	18	23	25	18
5	100	12	30	19	22	26	17
6	100	13	29	20	21	27	17
7	100	14	27	21	20	28	16

\*Members with more than 29 years of service are not assumed to refund and the probability is 16%.





**This page intentionally left blank**



## ***Supplemental Information***

**BRAZOS RIVER AUTHORITY**  
**COMBINING STATEMENTS OF FIDUCIARY NET POSITION**  
**August 31, 2022**  
**(in thousands)**

	Retirement Plan for Employees of Brazos River Authority	Brazos River Authority 401 (a) non vested	Combined Total
<b>Assets</b>			
Investments, at fair value			
Mutual funds - equities	\$ 10,006	\$ 96	\$ 10,102
Mutual funds - fixed income/GTAA	6,416	-	6,416
Mutual funds - international funds	3,193	-	3,193
Mutual funds - REITequities	1,541	-	1,541
Limited partnership - hedge fund	2,637	-	2,637
Limited partnership	430	-	430
Cash and cash equivalents	197		197
Total Investments	24,420	96	24,516
Benefits receivable	2	-	2
<b>Total assets</b>	24,422	96	24,518
<b>Liabilities</b>			
Administrative expenses payable	7	-	7
Net position restricted for pensions	\$ 24,415	\$ 96	\$ 24,511

**COMBINING STATEMENTS OF CHANGES IN FIDUCIARY NET POSITON**  
**FOR THE YEAR ENDED AUGUST 31, 2022**  
**(in thousands)**

	Retirement Plan for Employees of Brazos River Authority	Brazos River Authority 401 (a) non vested	Combined Total
<b>Additions</b>			
Employer contributions	\$ 1,379	\$ 47	\$ 1,426
Investment income/(loss)	1,860	3	1,863
Total additions	3,239	50	3,289
<b>Deductions</b>			
Benefits paid to participants	2,310	69	2,379
Administrative expenses	85	1	86
Total deductions	2,395	70	2,465
Net increase / (decrease) in net position	844	(20)	824
Total net position restricted for pensions at beginning of the year	23,571	116	23,687
Total net position restricted for pensions at end of year	\$ 24,415	\$ 96	\$ 24,511

**BRAZOS RIVER AUTHORITY**  
**SUPPLEMENTAL INFORMATION**  
**COMPARISON OF BUDGETED REVENUES AND EXPENSES TO ACTUAL**  
**(NON-GAAP BUDGETARY BASIS)**  
**YEAR ENDED AUGUST 31, 2022 (in thousands)**

	2022 Budget	2022 Actual	Variance	
OPERATING REVENUES:				
Water Supply System:				
Raw water sales	\$ 47,192	\$ 52,382	\$ 5,190	1
Treated water	5,098	5,419	321	
Wastewater treatment	3,821	3,841	20	
Lake operations	453	538	85	
Other	570	979	409	
Cost Reimbursable Operations:				
Water conveyance	4,610	5,763	1,153	2
Water treatment	2,814	2,226	(588)	
Wastewater treatment	7,648	5,877	(1,771)	3
TOTAL OPERATING REVENUES	<u>72,206</u>	<u>77,025</u>	<u>4,819</u>	
OPERATING EXPENSES:				
Personnel services	27,173	21,686	5,487	4
Materials and supplies	3,054	2,948	106	
Utilities	3,112	4,894	(1,782)	5
Depreciation and amortization	-	9,195	(9,195)	6
Outside services	11,497	10,785	712	
Repair and maintenance	3,590	3,572	18	
Landfill & sludge hauling	2,104	1,706	398	
Purchased water	2,381	2,414	(33)	
Other	12,659	3,205	9,454	7
TOTAL OPERATING EXPENSES	<u>65,570</u>	<u>60,405</u>	<u>5,165</u>	
NON-OPERATING REVENUES (EXPENSES):				
Investment income	198	636	438	
Grants	1,846	1,623	(223)	
Interest expense	(3,196)	(1,767)	1,429	8
Other expenses	-	(15)	(15)	
Gain/(loss) on sale of capital assets	-	233	233	
Capital contributions	-	-	-	
Debt service - principal	5,988	-	(5,988)	9
TOTAL NET NON-OPERATING REVENUES/ (EXPENSES)	<u>4,836</u>	<u>710</u>	<u>(4,126)</u>	
CHANGE IN NET POSITION	<u>\$ 11,472</u>	<u>\$ 17,330</u>	<u>\$ 5,858</u>	

1 Higher than expected interruptible water sales

2 Transported 60% more water than anticipated

3 Delay in completing capital projects at wastewater plants due to a number of factors, including supply chain issues

4 Lag salaries in nearly all departments and lower than anticipated benefits costs

5 Electricity needed to transport additional water in water conveyance

6 Depreciation and amortization are not budgeted expenditures

7 Cost savings across most departments, particularly in the purchase of capital assets and operating projects

8 Savings from the defeasance of the Allens Creek debt

9 Debt service principal payments are not GAAP expenditures



**This page intentionally left blank**



## ***Statistical Section***



**This page intentionally left blank**

**BRAZOS RIVER AUTHORITY  
STATISTICAL SECTION**

---

This part of the BRA's Annual Comprehensive Financial Report presents detailed information as a context for understanding what the information in the Management's Discussion and Analysis, financial statements and note disclosures says about the BRA's overall financial health.

**Contents**

**Pages**

**Financial Trends**

These schedules contain information to assist the reader in obtaining a better understanding of how the BRA's financial performance and well-being have changed over time. 109-111

**Revenue Capacity**

These schedules contain information to assist the reader in obtaining a better understanding of the BRA's significant revenue sources, water sales and cost reimbursable operations. 112-116

**Debt Capacity**

These schedules present information to help the reader assess the affordability of the BRA's current levels of outstanding debt, the BRA's ability to issue additional debt in the future, and to provide information to comply with the continuing disclosure requirements of SEC Rule 15c2-12. 117-120

**Demographic and Economic information**

These schedules offer demographic and economic indicators to help the reader understand the environment within which the BRA operates and the geographic regions the BRA manages, each with distinctive climate, topography and water needs. 121-127

**Operating Information**

These schedules contain service and infrastructure data to help the reader understand how the information in the BRA's financial report relates to the services the BRA provides and the activities it performs. 128-133

**Sources:** Unless otherwise noted, the information in these schedules are derived from the Annual Comprehensive Financial Reports for the relevant year.



**BRAZOS RIVER AUTHORITY**  
**CHANGES IN NET POSITION (in thousands)**  
**LAST TEN FISCAL YEARS (unaudited)**  
**(accrual basis of accounting)**

	<b>FISCAL YEAR</b>			
	<b>2022</b>	<b>2021</b>	<b>2020</b>	<b>restated 2019</b>
OPERATING REVENUES:				
Water Supply System:				
Raw water	\$ 52,382	\$ 48,125	\$ 49,468	\$ 41,629
Treated water	5,419	5,213	4,168	3,028
Wastewater treatment	3,841	3,589	4,019	3,447
Lake operations	538	568	487	529
Grants	-	-	-	-
Other	979	838	923	820
Cost Reimbursable Operations:				
Water conveyance	5,763	4,343	3,070	3,107
Water treatment	2,226	2,115	2,177	1,528
Wastewater treatment	5,877	5,399	4,953	5,937
TOTAL OPERATING REVENUES	<u>77,025</u>	<u>70,190</u>	<u>69,265</u>	<u>60,025</u>
OPERATING EXPENSES:				
Personnel services	21,686	21,252	22,674	22,808
Materials and supplies	2,948	2,576	2,383	2,340
Utilities	4,894	3,429	2,667	1,951
Depreciation and amortization	9,195	9,146	8,965	8,768
Outside services	10,785	8,836	9,970	7,564
Repair and maintenance	3,572	2,769	3,279	2,760
Landfill and sludge hauling	1,706	1,757	1,951	1,229
Purchased water	2,414	2,287	2,279	2,272
Other	3,205	2,449	2,333	2,939
TOTAL OPERATING EXPENSES	<u>60,405</u>	<u>54,501</u>	<u>56,501</u>	<u>52,631</u>
OPERATING INCOME	<u>16,620</u>	<u>15,689</u>	<u>12,764</u>	<u>7,394</u>
NON-OPERATING REVENUES (EXPENSES):				
Investment income	636	929	2,529	3,114
Grants	1,623	1,021	1,251	904
Interest expense	(1,767)	(2,432)	(3,429)	(3,842)
Other expenses	(15)	(238)	(220)	(126)
Gain/(Loss) on sale of capital assets (a),(b)	233	(163)	20	(21)
TOTAL NET NON-OPERATING REVENUES (EXPENSES)	<u>710</u>	<u>(883)</u>	<u>151</u>	<u>29</u>
INCOME (LOSS) BEFORE CONTRIBUTIONS & SPECIAL ITEMS:	<u>17,330</u>	<u>14,806</u>	<u>12,915</u>	<u>7,423</u>
CAPITAL CONTRIBUTIONS	<u>-</u>	<u>-</u>	<u>-</u>	<u>500</u>
CHANGE IN NET POSITION	<u>\$ 17,330</u>	<u>\$ 14,806</u>	<u>\$ 12,915</u>	<u>\$ 7,923</u>

- a During Fiscal Year 2016, BRA sold the West Central Brazos Water Distribution System to the West Central Texas Municipal Water District. In addition, the BRA sold the remaining PK residential and commercial leased properties held in the FERC project area.
- b During Fiscal Year 2018, as a result of successful negotiations with the City of Graham, the BRA sold the Flood Control Project to the City of Graham.

2018	2017	2016	2015	2014	2013
\$ 40,285	\$ 39,074	\$ 35,209	\$ 34,133	\$ 31,420	\$ 31,915
3,071	2,862	2,388	2,208	1,790	1,588
2,123	2,119	2,108	1,992	2,095	3,585
590	523	663	1,025	934	1,638
-	1,055	644	1,419	988	800
1,145	1,044	997	1,011	930	867
3,828	2,794	2,394	3,230	3,453	3,557
1,277	1,208	1,232	1,225	1,102	994
9,986	9,285	8,982	8,685	8,316	7,892
62,305	59,964	54,617	54,928	51,028	52,836
21,120	20,346	19,881	18,675	17,693	15,540
2,334	2,198	2,130	2,168	2,101	2,206
3,479	2,589	2,606	3,814	4,329	3,792
8,657	8,362	8,279	7,244	7,274	9,297
6,105	5,489	4,610	4,697	4,572	4,578
2,372	2,198	2,207	2,281	2,260	2,638
2,579	2,366	2,561	2,280	2,236	2,355
2,271	2,267	2,423	2,610	2,360	2,361
2,724	2,112	2,100	1,239	1,028	1,123
51,641	47,927	46,797	45,008	43,853	43,890
10,664	12,037	7,820	9,920	7,175	8,946
1,830	975	660	493	470	592
1,083			-	-	-
(3,945)	(4,020)	(4,167)	(4,367)	(4,283)	(4,183)
(15)	(153)	(371)	(268)	(107)	(1,165)
(6,469)	65	10,272	820	(1,466)	(547)
(7,516)	(3,133)	6,394	(3,322)	(5,386)	(5,303)
3,148	8,904	14,214	6,598	1,789	3,643
-	-	415	874	479	892
\$ 3,148	\$ 8,904	\$ 14,629	\$ 7,472	\$ 2,268	\$ 4,535

**BRAZOS RIVER AUTHORITY**  
**NET POSITION BY COMPONENTS** (in thousands)  
**LAST TEN FISCAL YEARS** (unaudited)  
(accrual basis of accounting)

Fiscal Year	Net Invested in Capital Assets	Restricted For Construction and Debt Service	Restricted for Pension Assets	Unrestricted	Total Net Position
8/31/2013	\$ 180,670	\$ 9,627	\$ -	\$ 52,425	\$ 242,722
8/31/2014	\$ 187,305	\$ 8,800	\$ -	\$ 43,730	\$ 239,835
8/31/2015	\$ 187,640	\$ 8,684	\$ 274	\$ 50,983	\$ 247,307
8/31/2016	\$ 189,894	\$ 8,697	\$ -	\$ 63,345	\$ 261,936
8/31/2017	\$ 191,280	\$ 7,667	\$ -	\$ 71,893	\$ 270,840
8/31/2018	\$ 183,910	\$ 7,856	\$ 1,349	\$ 80,873	\$ 273,988
8/31/2019	\$ 186,540	\$ 7,524	\$ -	\$ 87,847	\$ 281,911
8/31/2020	\$ 184,113	\$ 8,444	\$ 763	\$ 101,506	\$ 294,826
8/31/2021	\$ 184,238	\$ 8,505	\$ -	\$ 116,889	\$ 309,632
8/31/2022	\$ 257,207	\$ 8,644	\$ 4,845	\$ 56,266	\$ 326,962

- During Fiscal Year 2014, the BRA disposed of all assets related to the Temple Belton Wastewater Treatment Plant operation as a result of the transfer agreement with the contracting parties. In addition, during Fiscal Year 2014 the BRA redeemed the Series 2005B Water Supply bonds.
- During Fiscal Year 2015, the BRA implemented GASB 68. The Statement 68 requires entities to restate prior periods for all periods reported, when practical, and if not practical, the entity should report the cumulative effect of applying this Statement, if any, as a restatement of beginning net position for the earliest period restated. The BRA has elected the latter and as a result reduced the unrestricted portion of total net position by \$5,155 for Fiscal Year 2014.
- During Fiscal Year 2016, the BRA sold the remaining PK residential and commercial leased properties held in the FERC project area. The successful sale and disposition of the legislatively mandated properties was completed in March, of 2016 resulting in additional revenue of \$10,179 from the sale. In addition to the sale of leased properties, the BRA sold the West Central Brazos Water Distribution System to the West Central Texas Municipal Water District for \$1,200, in January of 2016.
- During Fiscal Year 2022, the BRA finalized the purchase of the City of Houston's 70% share of the Allens Creek Reservoir Project where the City agreed to grant, sell, transfer and convey to the BRA all of the City's rights and interest in any documents, reports and other personal property applicable to the water use permit, the project, the water yield and the reservoir site. The BRA invested over \$70,000 to finalize the complete purchase of the Project.

**BRAZOS RIVER AUTHORITY**  
**BUDGETED LONG TERM WATER SUPPLY REVENUES BY CONTRACT TYPE**  
**LAST TEN FISCAL YEARS (unaudited)**

Year	System Rate		Agriculture		Two-Tier		Other Fixed		Colorado Basin Water		Utilities		Total
	Acre Feet	Avg Price	Acre Feet	Avg Price	Acre Feet	Avg Price	Acre Feet	Avg Price	Acre Feet	Avg Price	Acre Feet	Avg Price	Acre Feet
2013	296,546	62.50	10,160	43.75	100,238	16.72	33,878	18.36	21,528	81.19	205,447	18.36	667,797
2014	294,506	65.65	10,160	45.95	100,238	17.04	33,878	18.47	25,000	83.02	205,447	12.30	669,229
2015	294,546	69.50	10,285	48.65	100,238	17.14	33,778	18.66	25,000	88.44	205,447	11.04	669,294
2016	320,785	70.50	10,285	49.35	98,999	17.32	33,778	18.87	25,000	88.61	180,447 <sup>a</sup>	12.61	669,294
2017	371,422	72.00	10,285	50.40	98,999	17.25	33,778	18.96	25,000	79.72	97,000 <sup>b</sup>	18.58	636,484
2018	364,572	74.00	10,285	51.80	98,999	17.37	33,778	19.02	21,528	77.95	97,000	18.84	626,162
2019	371,712	76.50	10,285	53.55	98,999	17.54	33,778	19.06	21,528	83.33	97,000	19.28	633,302
2020	467,974 <sup>c</sup>	79.00	12,385	55.30	98,999	17.89	21,336	23.71	21,528	83.33	97,000	19.28	719,222
2021	469,300	79.00	12,106	55.30	98,999	17.98	23,530	19.42	23,328	81.19	97,000	19.28	724,263
2022	483,285	83.00	12,031	58.10	98,999	18.15	9,505 <sup>d</sup>	24.89	23,328	84.38	97,000	19.28	724,148

Source: Brazos River Authority Annual Operating Plan.

a - Twenty-five thousand acre-feet, consisting of a Utility Contract, expired and was contracted under a System Rate contract.

b - Eighty-three thousand acre-feet, consisting of a Utility Contract, expired and a portion was contracted under a System Rate contract.

c - After over 15 years of diligent efforts, the System Operations Permit was approved, making available approximately 100,000 acre-feet of water available for sale.

d - Fourteen-thousand acre-feet of Other Fixed water contracts expired and was contracted under a System Rate contracts.

**Note:** The BRA had 721,697 acre-feet of water committed under long-term contracts as of October 13, 2022. No additional water is currently available for contracting on a long-term basis.

Information provided to comply with continuing disclosure requirements of SEC Rule 15c2-12

**BRAZOS RIVER AUTHORITY**  
**MAJOR CUSTOMERS**  
**ALL OPERATIONS**  
**LAST TEN FISCAL YEARS (unaudited) (in thousands)**

Fiscal Year 2022			Fiscal Year 2021		
Customer	Revenues	% of Total Operating Revenues	Customer	Revenues	% of Total Operating Revenues
Gulf Coast Water Authority	\$ 7,335	9.52	Gulf Coast Water Authority	\$ 7,119	10.14
City of Georgetown	6,884	8.94	TXU / Luminant Generation Co.	5,684	8.10
TXU / Luminant Generation Co.	5,948	7.72	City of Georgetown	5,484	7.81
City of Sugar Land	5,652	7.34	City of Round Rock	5,480	7.81
City of Round Rock	5,600	7.27	City of Sugar Land	5,143	7.33
Dow Chemical Company	4,564	5.92	City of Temple	4,729	6.74
City of Temple	4,369	5.67	Dow Chemical Company	3,386	4.82
NRG Texas Power, LLC.	3,497	4.54	Jonah Water S. U. D.	3,261	4.65
Jonah Water S. U. D.	3,379	4.39	City of Leander	2,821	4.02
City of Leander	3,056	3.97	City of Hutto	2,355	3.35
	<u>\$ 50,284</u>	<u>65.28</u>		<u>\$ 45,462</u>	<u>64.77</u>

Fiscal Year 2020			Fiscal Year 2019		
Customer	Revenues	% of Total Operating Revenues	Customer	Revenues	% of Total Operating Revenues
Gulf Coast Water Authority	\$ 7,038	10.16	City of Georgetown	\$ 5,919	9.71
City of Georgetown	5,947	8.59	TXU / Luminant Generation Co.	5,495	9.02
City of Round Rock	5,782	8.35	City of Round Rock	5,466	8.97
TXU / Luminant Generation Co.	5,509	7.95	Gulf Coast Water Authority	5,012	8.23
City of Sugar Land	4,347	6.28	City of Sugar Land	3,891	6.39
Dow Chemical Company	4,311	6.22	NRG Texas Power, LLC	3,611	5.93
City of Temple	3,660	5.28	Dow Chemical Company	2,943	4.83
Jonah Water S. U. D.	2,858	4.13	City of Temple	2,691	4.42
Bell County Water C.I.D. #1	2,127	3.07	Jonah Water S.U.D.	2,226	3.65
City of Taylor	1,998	2.88	Bell County Water C.I.D. #1	2,088	3.43
	<u>\$ 43,577</u>	<u>62.91</u>		<u>\$ 39,342</u>	<u>64.58</u>

Fiscal Year 2018			Fiscal Year 2017		
Customer	Revenues	% of Total Operating Revenues	Customer	Revenues	% of Total Operating Revenues
City of Round Rock	\$ 8,463	13.35	City of Round Rock	\$ 8,496	14.17
TXU / Luminant Generation Co.	5,956	9.40	City of Georgetown	5,561	9.27
City of Georgetown	5,602	8.84	Gulf Coast Water Authority	5,163	8.61
Gulf Coast Water Authority	5,357	8.45	NRG Texas Power, LLC.	5,145	8.58
NRG Texas Power, LLC	4,001	6.31	City of Temple	3,066	5.11
Dow Chemical Company	2,950	4.65	Dow Chemical Company	2,985	4.98
City of Temple	2,886	4.55	City of Sugar Land	2,960	4.94
City of Sugar Land	2,628	4.15	Luminant (TXU/Oakgrove)	2,908	4.85
Jonah Water S. U. D.	2,282	3.60	Bell County Water C.I.D. #1	2,615	4.36
Bell County Water C.I.D. #1	2,045	3.23	Jonah Water S.U.D.	2,076	3.46
	<u>\$ 42,170</u>	<u>66.53</u>		<u>\$ 40,975</u>	<u>68.33</u>

Fiscal Year 2016		
Customer	Revenues	% of Total Operating Revenues
City of Round Rock	\$ 9,303	16.94
City of Georgetown	5,333	9.71
Gulf Coast Water Authority	4,929	8.97
NRG Texas Power, LLC.	3,375	6.14
City of Temple	3,114	5.67
Dow Chemical Company	2,845	5.18
City of Sugar Land	2,529	4.60
Luminant (TXU/Oakgrove)	2,216	4.03
Bell County Water C.I.D. #1	1,981	3.61
Jonah Water S.U.D.	1,612	2.94
	<u>\$ 37,237</u>	<u>67.79</u>

Fiscal Year 2015		
Customer	Revenues	% of Total Operating Revenues
City of Round Rock	\$ 9,014	16.41
City of Georgetown	5,138	9.35
Gulf Coast Water Authority	3,581	6.52
City of Temple	2,474	4.50
City of Sugar Land	2,440	4.44
Dow Chemical Company	1,994	3.63
Bell County Water C.I.D. #1	1,937	3.53
City of Taylor	1,599	2.91
TXU Electric / Oakgrove	1,583	2.88
NRG Texas Power, LLC.	1,542	2.81
	<u>\$ 31,302</u>	<u>56.98</u>

Fiscal Year 2014		
Customer	Revenues	% of Total Operating Revenues
City of Round Rock	\$ 8,464	16.59
City of Georgetown	3,529	6.92
Gulf Coast Water Authority	3,405	6.67
NRG Texas Power, LLC.	2,595	5.09
City of Sugar Land	2,376	4.66
City of Temple	2,278	4.46
Dow Chemical Company	1,900	3.72
Bell County Water C.I.D. #1	1,882	3.69
TXU Electric / Oakgrove	1,514	2.97
Chisholm Trail S.U.D.	1,305	2.56
	<u>\$ 29,248</u>	<u>57.33</u>

Fiscal Year 2013		
Customer	Revenues	% of Total Operating Revenues
City of Round Rock	\$ 8,313	15.73
Gulf Coast Water Authority	5,059	9.57
City of Georgetown	4,831	9.14
NRG Texas Power, LLC.	2,618	4.95
City of Sugar Land	2,425	4.59
Dow Chemical Company	2,375	4.49
City of Temple	2,077	3.93
Bell County Water C.I.D. #1	1,836	3.48
TXU Electric / Oakgrove	1,607	3.04
City of Taylor	1,266	2.40
	<u>\$ 32,407</u>	<u>61.32</u>

Information provided to comply with continuing disclosure requirements of SEC Rule 15c2-12  
Source: Brazos River Authority Billing System



**BRAZOS RIVER AUTHORITY**  
**MAJOR CUSTOMERS**  
**WATER SUPPLY SYSTEM**  
**LAST TEN FISCAL YEARS (unaudited) (in thousands)**

Fiscal Year 2022		
Customer	Revenues	% of Total WSS Revenues
Gulf Coast Water Authority	\$ 7,335	11.68
TXU / Luminant Generation Co.	5,948	9.47
City of Sugar Land	5,353	8.52
Dow Chemical Company	4,563	7.26
City of Round Rock	3,951	6.29
NRG Texas Power LLC	3,497	5.57
Jonah Water SUD	3,379	5.38
City of Georgetown	3,025	4.81
City of Taylor	2,316	3.69
Bell County Water C.I.D. #1	2,251	3.58
	<u>\$ 41,618</u>	<u>66.25</u>

Fiscal Year 2021		
Customer	Revenues	% of Total WSS Revenues
Gulf Coast Water Authority	\$ 7,120	12.28
TXU / Luminant Generation Co.	5,684	9.80
City of Sugar Land	5,143	8.87
City of Round Rock	3,928	6.78
NRG Texas Power LLC	3,424	5.91
Dow Chemical Company	3,386	5.84
Jonah Water SUD	3,261	5.62
City of Georgetown	2,911	5.02
City of Taylor	2,333	4.02
Bell County Water C.I.D. #1	2,162	3.73
	<u>\$ 39,352</u>	<u>67.87</u>

Fiscal Year 2020		
Customer	Revenues	% of Total WSS Revenues
Gulf Coast Water Authority	\$ 7,038	11.98
TXU / Luminant Generation Co.	5,509	9.37
City of Sugar Land	4,346	7.40
Dow Chemical Company	4,310	7.33
City of Round Rock	3,606	6.13
Jonah Water SUD	2,858	4.86
City of Georgetown	2,788	4.74
Bell County Water C.I.D. #1	2,127	3.62
City of Taylor	1,998	3.40
NRG Texas Power LLC	1,948	3.31
	<u>\$ 36,528</u>	<u>62.14</u>

Fiscal Year 2019		
Customer	Revenues	% of Total WSS Revenues
TXU / Luminant Generation Co.	\$ 5,495	10.91
Gulf Coast Water Authority	5,012	9.95
City of Sugar Land	3,891	7.73
NRG Texas Power LLC	3,611	7.17
City of Round Rock	3,555	7.06
City of Georgetown	3,497	6.94
Dow Chemical Company	2,943	5.84
Bell County Water C.I.D. #1	2,088	4.15
City of Taylor	1,599	3.18
Jonah Water SUD	1,429	2.84
	<u>\$ 33,120</u>	<u>65.77</u>

Fiscal Year 2018		
Customer	Revenues	% of Total WSS Revenues
TXU / Luminant Generation Co.	\$ 5,956	12.46
Gulf Coast Water Authority	5,357	11.20
NRG Texas Power, LLC	4,001	8.37
City of Round Rock	3,484	7.29
City of Georgetown	3,382	7.07
Dow Chemical Company	2,950	6.17
City of Sugar Land	2,628	5.50
Bell County Water C.I.D. #1	2,045	4.28
City of Taylor	1,599	3.34
Jonah Water S. U. D.	1,472	3.08
	<u>\$ 32,874</u>	<u>60.76</u>

Fiscal Year 2017		
Customer	Revenues	% of Total WSS Revenues
Gulf Coast Water Authority	\$ 5,163	11.17
Luminant (TXU/Oakgrove)	5,145	11.13
City of Round Rock	3,468	7.50
City of Georgetown	3,291	7.12
NRG Texas Power LLC	2,985	6.46
Bell County Water C.I.D. #1	2,960	6.40
Dow Chemical Company	2,908	6.29
City of Sugar Land	2,615	5.66
City of Taylor	1,599	3.46
Jonah Water SUD	1,264	2.73
	<u>\$ 31,398</u>	<u>67.92</u>

Fiscal Year 2016			Fiscal Year 2015		
Customer	Revenues	% of Total WSS Revenues	Customer	Revenues	% of Total WSS Revenues
Gulf Coast Water Authority	\$ 4,929	11.92	City of Round Rock	\$ 3,704	8.95
City of Round Rock	3,431	8.30	Gulf Coast Water Authority	3,581	8.66
NRG Texas Power LLC	3,375	8.16	City of Georgetown	3,151	7.62
City of Georgetown	3,222	7.79	NRG Texas Power LLC	2,733	6.61
Dow Chemical Company	2,845	6.88	City of Sugar Land	2,440	5.90
City of Sugar Land	2,529	6.11	Dow Chemical Company	1,994	4.82
Bell County Water C.I.D. #1	2,216	5.36	Bell County Water C.I.D. #1	1,937	4.68
Luminant (TXU/Oakgrove)	1,981	4.79	City of Taylor	1,599	3.87
City of Taylor	1,599	3.87	TXU Electric / Oakgrove	1,583	3.83
City of Cleburne	1,058	2.56	City of Cleburne	1,043	2.52
	<b>\$ 27,185</b>	<b>65.74</b>		<b>\$ 23,765</b>	<b>57.46</b>

Fiscal Year 2014			Fiscal Year 2013		
Customer	Revenues	% of Total WSS Revenues	Customer	Revenues	% of Total WSS Revenues
Gulf Coast Water Authority	\$ 3,405	8.92	Gulf Coast Water Authority	\$ 5,059	12.63
City of Round Rock	3,361	8.81	City of Georgetown	3,629	9.06
City of Sugar Land	2,376	6.23	City of Round Rock	3,262	8.15
NRG Texas Power LLC	2,281	5.98	NRG Texas Power LLC	2,618	6.54
City of Georgetown	2,112	5.53	City of Sugar Land	2,425	6.06
Dow Chemical Company	1,900	4.98	Dow Chemical Company	2,077	5.19
Bell County Water C.I.D. #1	1,882	4.93	Bell County Water C.I.D. #1	1,836	4.59
TXU Electric / Oakgrove	1,514	3.97	TXU Electric / Oakgrove	1,607	4.01
City of Taylor	1,273	3.34	City of Taylor	1,266	3.16
City of Cleburne	985	2.58	City of Cleburne	938	2.34
	<b>\$ 21,089</b>	<b>55.27</b>		<b>\$ 24,717</b>	<b>61.73</b>

Information provided to comply with continuing disclosure requirements of SEC Rule 15c2-12  
Source: Brazos River Authority Billing System



**BRAZOS RIVER AUTHORITY**  
**WATER SUPPLY REVENUE BOND DEBT**  
**SERIES 2009 AND SERIES 2015 (in thousands)**  
**AMORTIZATION SCHEDULE (unaudited)**

Fiscal Year Ended August 31	Series 2015		Series 2009		Outstanding Bonds		Total Debt Service Requirements	% Of Principal Retired
	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST		
2023	\$ 780	\$ 357	\$ 1,185	\$ 215	\$ 1,965	\$ 572	\$ 2,537	
2024	810	325	1,215	187	2,025	512	2,537	
2025	835	301	1,245	157	2,080	458	2,538	
2026	855	283	1,275	125	2,130	408	2,538	
2027	875	260	1,310	92	2,185	352	2,537	49.10
2028	900	233	1,345	56	2,245	289	2,534	
2029	930	206	1,380	19	2,310	225	2,535	
2030	960	177	-	-	960	177	1,137	
2031	985	148	-	-	985	148	1,133	
2032	1,015	118	-	-	1,015	118	1,133	84.63
2033	1,050	87	-	-	1,050	87	1,137	
2034	1,080	53	-	-	1,080	53	1,133	
2035	1,120	18	-	-	1,120	18	1,138	100.00
Total	<u>\$ 12,195</u>	<u>\$ 2,566</u>	<u>\$ 8,955</u>	<u>\$ 853</u>	<u>\$ 21,150</u>	<u>\$ 3,419</u>	<u>\$ 24,570</u>	

Source: Combined Bond Resolutions

Information provided to comply with continuing disclosure requirements of SEC Rule 15c2-12

**BRAZOS RIVER AUTHORITY  
WATER SUPPLY REVENUE BONDS  
SERIES 2009 AND SERIES 2015  
COVERAGE AND ACCOUNT BALANCES  
AUGUST 31, 2022 (unaudited) (in thousands)**

---

Average Annual Principal and Interest Requirements, 2023 - 2035	\$ 1,890
Coverage of Average Requirements by August 31, 2022 Net Revenues	9.33
Maximum Principal and Interest Requirements, 2026	\$ 2,538
Coverage of Maximum Requirements by August 31, 2022 Net Revenues	6.95
System Revenue Bonds Outstanding, August 31, 2022	\$ 21,150
Interest and Sinking Account Balance, August 31, 2022	\$ 987 <sup>1</sup>
Reserve Account Balance, August 31, 2022 (Series 2009)	\$ 1,408 <sup>2</sup>

1 Funds are transferred to the Interest and Sinking Fund in equal monthly installments sufficient to make the next debt service payment when due.

2 At August 31, 2022, all reserve account balances met all coverage requirements.

Information provided to comply with continuing disclosure requirements of SEC Rule 15c2-12

**BRAZOS RIVER AUTHORITY**  
**WATER SUPPLY SYSTEM**  
**CONDENSED SUMMARY OF OPERATING RESULTS**  
**(CALCULATION BASED ON BOND RESOLUTION REQUIREMENTS)**  
**AUGUST 31, 2022 (unaudited) (in thousands)**

	<b>Fiscal Year Ended August 31</b>				
	<b>2022</b>	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>
Gross Revenues:					
Raw water	\$ 52,382	\$ 48,125	\$ 49,468	\$ 41,629	\$ 40,285
Treated water	5,419	5,213	4,168	3,028	3,071
Wastewater treatment	3,842	3,589	4,019	3,447	2,123
Lease income	537	568	487	529	590
Other	873	481	640	507	670
Interest	604	922	2,495	3,024	1,756
Grants	1,623	1,021	1,251	904	1,083
<b>TOTAL GROSS REVENUES</b>	<b>\$ 65,280</b>	<b>\$ 59,919</b>	<b>\$ 62,528</b>	<b>\$ 53,068</b>	<b>\$ 49,578</b>
Operation & Maintenance Expenses:					
Personnel services	\$ 19,164	\$ 18,673	\$ 20,228	\$ 20,085	\$ 17,764
Materials, supplies & services	1,986	1,774	1,630	1,626	1,477
Utilities	1,580	1,289	941	818	815
Outside services	9,887	7,971	9,084	6,625	5,096
Repair and maintenance	2,696	2,102	2,715	1,901	1,428
Landfill and sludge hauling	715	667	790	399	215
Purchased water	2,315	2,183	2,184	2,159	2,137
Other	1,696	1,146	1,478	1,639	1,025
Other non-operating	14	173	211	120	14
Program and project expenditures	-	-	-	1,466	1,032
Other debt service (1)	7,587	2,229	2,319	2,477	2,638
<b>TOTAL OPERATION &amp; MAINTENANCE</b>	<b>\$ 47,640</b>	<b>\$ 38,207</b>	<b>\$ 41,580</b>	<b>\$ 39,315</b>	<b>\$ 33,641</b>
<b>NET REVENUES AVAILABLE TO PAY DEBT SERVICE</b>	<b>\$ 17,640</b>	<b>\$ 21,712</b>	<b>\$ 20,948</b>	<b>\$ 13,753</b>	<b>\$ 15,937</b>
<b>DEBT SERVICE WATER SUPPLY SYSTEM BONDS</b>	<b>\$ 2,538</b>	<b>\$ 2,536</b>	<b>\$ 2,535</b>	<b>\$ 2,538</b>	<b>\$ 2,538</b>
<b>COVERAGE PERCENTAGE</b>	<b>6.95</b>	<b>8.56</b>	<b>8.26</b>	<b>5.42</b>	<b>6.28</b>

(1) Debt service related to the purchase of water storage rights in the Federal Reservoirs

Information provided to comply with continuing disclosure requirements of SEC Rule 15c2-12

**BRAZOS RIVER AUTHORITY**  
**SCHEDULE OF DEBT BY TYPE**  
**LAST TEN FISCAL YEARS**  
**AUGUST 31, 2022 (unaudited) (in thousands)**

Fiscal Year	Water Supply Revenue Bonds	Contract Revenue Bonds (1)	US Army Corps of Engineers Contracts Payable	Net Premium/(Discount) on Revenue Bonds Payable
2013	\$ 51,550	\$ 33,015	\$ 28,047	\$ (374)
2014	\$ 41,565 a	\$ 32,664	\$ 26,901	\$ 23
2015	\$ 39,555	\$ 32,300	\$ 24,998 b	\$ 687
2016	\$ 37,895	\$ 31,932	\$ 23,819	\$ 648
2017	\$ 36,210	\$ 31,104	\$ 22,659	\$ 560
2018	\$ 34,485	\$ 30,240	\$ 21,465	\$ 500
2019	\$ 32,720	\$ 29,345	\$ 20,356	\$ 441
2020	\$ 30,915	\$ 27,575	\$ 19,412 c	\$ 1,796
2021	\$ 29,060	\$ 26,640	\$ 18,485	\$ 2,899
2022	\$ 21,150 d	\$ 24,460	\$ 17,529	\$ 2,409

a. During FY 2014, the BRA defeased the Water Supply System Revenue Bonds, Series 2005B, in the amount of \$8,925.

b. During FY 2015, the BRA refunded the Series 2006 Revenue Bonds and refinanced it with the Series 2015 Revenue bonds in the amount of \$17,270 and 16,860 respectively.

c. During FY 2020, the BRA refunded the Series 1999 State Participation Loan and refinanced it with the Series 2019 Revenue bonds in the amount of \$14,955 and \$14,095 respectively.

d. During FY 2022, the BRA paid off the Series 2002 State Participation Loan debt of \$6,000 owed to the Texas Water Development Board for the Allens Creek Project.

(1) Contract Revenue Bonds are payable from revenue derived from various contracts between the BRA and the parties securing payments to the BRA for debt service payments on the bonds. Debt coverage is 100% for these bonds. Each customer is billed monthly for 1/6th of the next debt payment due. Each contract revenue bond is insured or credit rated based on the financial strength of the contracting parties

**BRAZOS RIVER AUTHORITY**  
**MISCELLANEOUS DEMOGRAPHIC AND ECONOMIC INFORMATION**  
**AUGUST 31, 2022 (unaudited)**

---

**BRA was created under Acts 1929, 41st Legislature, 2nd C.S., Spec. Leg. Page 22, Ch. 13. as amended**

**Year created:** 1929  
**Domicile:** Waco, Texas  
**Last revision of Enabling Act:** 2001  
**Last revision of Bylaws:** 2021  
**Population of District:** 2,371,064 (Texas Water Development Board 2017)  
**Area of District:** 42,865 square miles

**Brazos River**

Total River Miles 840 miles  
Average Discharge 6,074,000 acre-feet

**Average annual rainfall in the Basin ranges from:**

West - 26 inches  
Southeast - 32 inches

**Number of employees:** 261 Full-time, 15 Part-time (per Fiscal Year 2023 Annual Operating Plan)

**Offices:**

Central Office	- Waco, Texas
Regional Office	- Georgetown, Texas
Operations Office	- Belton, Texas
Operations Office	- Clute, Texas
Operations Office	- Lake Granbury, Texas
Operations Office	- Lake Limestone, Texas
Operations Office	- Waco, Texas
Operations Office	- Leander, Texas
Operations Office	- Possum Kingdom Lake, Texas
Operations Office	- Sugar Land, Texas
Operations Office	- Taylor, Texas
Operations Office	- Temple, Texas
Operations Office	- Hutto, Texas

**BRAZOS RIVER AUTHORITY**  
**MISCELLANEOUS DEMOGRAPHIC AND ECONOMIC INFORMATION**  
**AUGUST 31, 2022 (unaudited)**

---

**Brazos River Authority Operating Statistics:**

(water/wastewater treated in thousands of gallons)

	Years Ended August 31	
	2022	2021
Temple Belton Wastewater Treatment Plant	2,884,000	2,881,000
Sugar Land Regional Sewerage System	4,015,000	4,182,000
Hutto Wastewater System	698,000	618,000
Clute/Richwood Regional Sewerage System	1,025,000	1,069,000
Sandy Creek Regional Water Treatment Plant	1,598,000	2,160,000
East Williamson County Water Treatment System	2,253,000	2,054,000
Doshier Farm Wastewater Treatment Plant	973,000	1,004,000

**Brazos River Authority Dams and Reservoirs:**

<b>Possum Kingdom</b>	(TWDB Survey December 2016)
Capacity - 556,340 acre-feet	
Surface Area - 18,568 acres	
Elevation - 1,000.0 ft-msl	
Permitted Yield - 230,750 acre-feet	
<b>Limestone</b>	(TWDB Survey June 2014)
Capacity - 203,780 acre-feet	
Surface Area - 12,486 acres	
Elevation - 363.0 ft-msl	
Permitted Yield - 65,074 acre-feet	
<b>Granbury</b>	(TWDB Survey July 2016)
Capacity - 136,326 acre-feet	
Surface Area - 8,282 acres	
Elevation - 693.0 ft-msl	
Permitted Yield - 64,712 acre-feet	

**BRAZOS RIVER AUTHORITY**  
**MISCELLANEOUS DEMOGRAPHIC AND ECONOMIC INFORMATION**  
**AUGUST 31, 2022 (unaudited)**

U. S. Army Corps of Engineers Dams and Reservoirs		
<b>Aquilla</b>	<b>Conservation Pool</b>	<b>Flood Control Pool</b>
Capacity	43,293 acre-feet	135,636 acre-feet
Surface Area	3,085 acres	6,999 acres
Elevation	537.5 ft-msl	556.0 ft-msl
Permitted Yield	13,896 acre-feet	TWDB Survey July 2014
<b>Belton</b>	<b>Conservation Pool</b>	<b>Flood Control Pool</b>
Capacity	432,631 acre-feet	1,072,631 acre-feet
Surface Area	12,445 acres	23,605 acres
Elevation	594.0 ft-msl	631.0 ft-msl
Permitted Yield	100,257 acre-feet	TWDB Survey October 2015
<b>Granger</b>	<b>Conservation Pool</b>	<b>Flood Control Pool</b>
Capacity	51,822 acre-feet	230,481 acre-feet
Surface Area	4,159 acres	11,040 acres
Elevation	504.0 ft-msl	528.0 ft-msl
Permitted Yield	19,840 acre-feet	TWDB Survey March 2013
<b>Georgetown</b>	<b>Conservation Pool</b>	<b>Flood Control Pool</b>
Capacity	38,068 acre-feet	131,793 acre-feet
Surface Area	1,307 acres	3,220 acres
Elevation	791.0 ft-msl	834.0 ft-msl
Permitted Yield	13,610 acre-feet	TWDB Survey January 2016
<b>Proctor</b>	<b>Conservation Pool</b>	<b>Flood Control Pool</b>
Capacity	54,762 acre-feet	369,500 acre-feet
Surface Area	4,615 acres	14,010 acres
Elevation	1,162.0 ft-msl	1,197.0 ft-msl
Permitted Yield	19,658 acre-feet	TWDB Survey February 2012
<b>Somerville</b>	<b>Conservation Pool</b>	<b>Flood Control Pool</b>
Capacity	150,293 acre-feet	494,500 acre-feet
Surface Area	11,395 acres	24,400 acres
Elevation	238.0 ft-msl	258.0 ft-msl
Permitted Yield	48,000 acre-feet	TWDB Survey April 2012
<b>Stillhouse Hollow</b>	<b>Conservation Pool</b>	<b>Flood Control Pool</b>
Capacity	229,881 acre-feet	624,581 acre-feet
Surface Area	6,429 acres	11,830 acres
Elevation	622.0 ft-msl	666.0 ft-msl
Permitted Yield	67,768 acre-feet	TWDB Survey December 2015
<b>Waco</b>	<b>Conservation Pool</b>	<b>Flood Control Pool</b>
Capacity	189,773 acre-feet	518,895 acre-feet
Surface Area	8,190 acres	19,440 acres
Elevation	462.0 ft-msl	500.0 ft-msl
Permitted Yield	104,100 acre-feet	TWDB Survey May 2011
<b>Whitney</b>	<b>Conservation Pool</b>	<b>Flood Control Pool</b>
Capacity	617,194 acre-feet	1,989,664 acre-feet
Surface Area	23,215 acres	49,820 acres
Elevation	533.0 ft-msl	571.0 ft-msl
Permitted Yield	18,336 acre-feet	Volumetric Survey March 2019

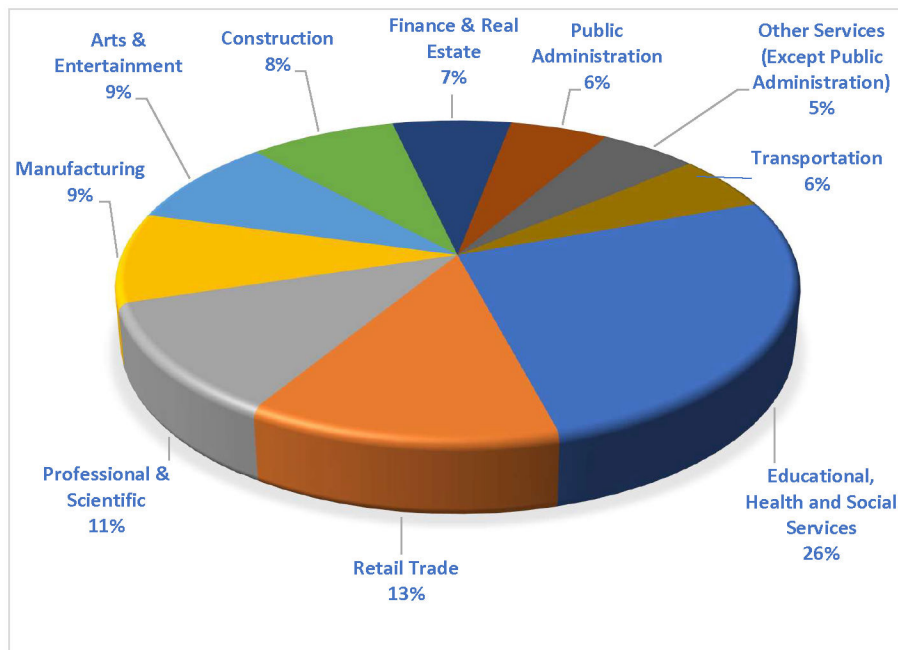
Source: Brazos River Authority Water Services Department

**BRAZOS RIVER AUTHORITY**  
**MISCELLANEOUS DEMOGRAPHIC AND ECONOMIC INFORMATION**  
**AUGUST 31, 2022 (unaudited)**

---

**Brazos Basin Geographic Area**  
**Ten Largest Industries**

Industry	Number of Entities in Category
Educational, Health and Social Services	424,184
Retail Trade	207,392
Professional & Scientific	183,902
Manufacturing	145,762
Arts & Entertainment	143,603
Construction	130,975
Finance & Real Estate	105,681
Public Administration	87,918
Other Services (Except Public Administration)	87,304
Transportation	89,321



Source: U.S. Census Bureau, 2020 American Community Survey 5-Year Estimates

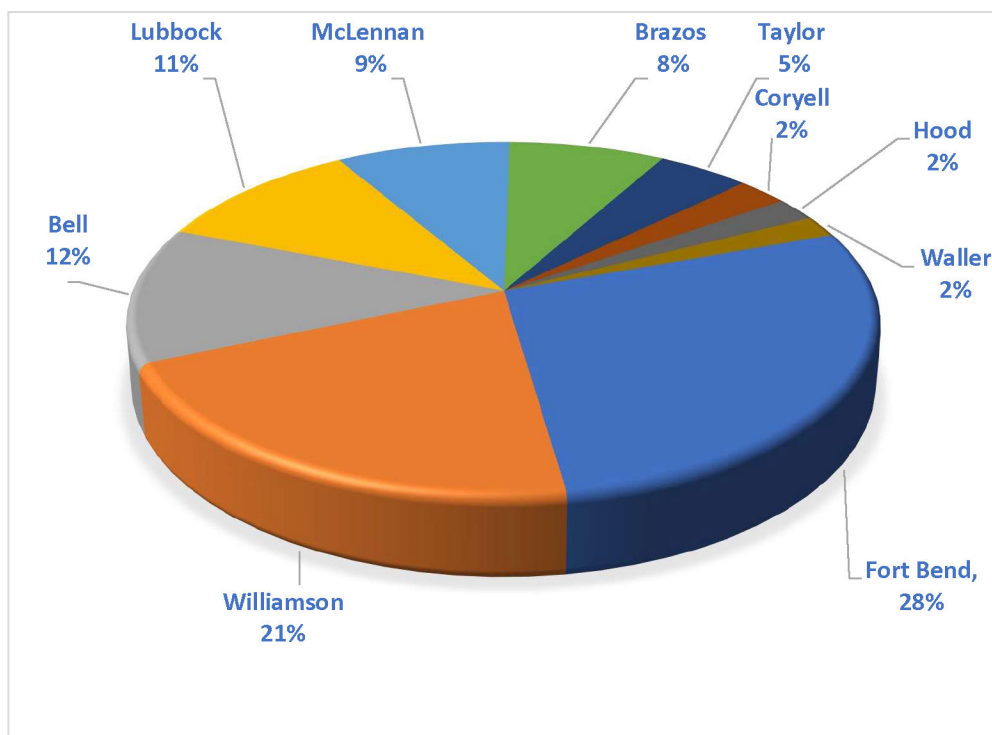


**BRAZOS RIVER AUTHORITY**  
**MISCELLANEOUS DEMOGRAPHIC AND ECONOMIC INFORMATION**  
**AUGUST 31, 2022 (unaudited)**

---

**Brazos River Basin Population  
by County (Largest)**

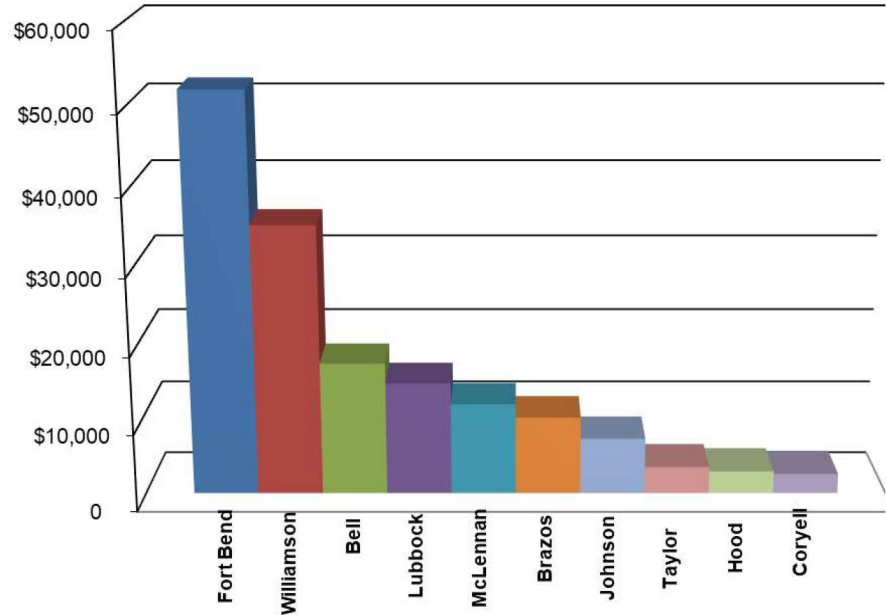
County	Population
Fort Bend	839,706
Williamson	617,855
Bell	369,927
Lubbock	314,772
McLennan	259,730
Brazos	232,555
Taylor	139,200
Coryell	76,737
Hood	63,527
Waller	57,452



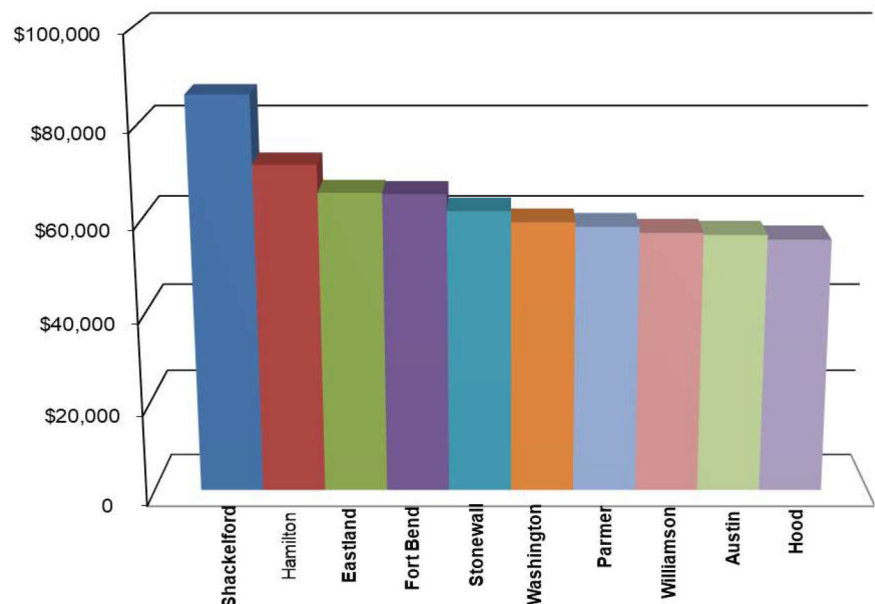
**Source:** 2020 Bureau of Economic Analysis CAINC1 Population March 2021 release

**BRAZOS RIVER AUTHORITY**  
**MISCELLANEOUS DEMOGRAPHIC AND ECONOMIC INFORMATION**  
**AUGUST 31, 2022 (unaudited)**

County (Top Ten)	Total Personal Income (in millions)
Fort Bend	51,886
Williamson	35,028
Bell	17,236
Lubbock	14,637
McLennan	11,888
Brazos	10,099
Johnson	8,557
Taylor	7,298
Hood	3,502
Coryell	2,933



County (Top Ten)	Total Per Capita Income (in thousands)
Shackelford	86,294
Castro	71,612
Hamilton	65,685
Eastland	65,416
Fort Bend	61,791
Stonewall	59,419
Washington	58,426
Parmer	57,137
Williamson	56,693
Austin	55,686

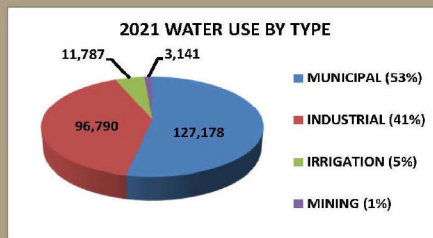


Source: Bureau of Economic Analysis, Updated March 2021

**BRAZOS RIVER AUTHORITY**  
**MISCELLANEOUS DEMOGRAPHIC AND ECONOMIC INFORMATION**  
**AUGUST 31, 2022 (unaudited)**

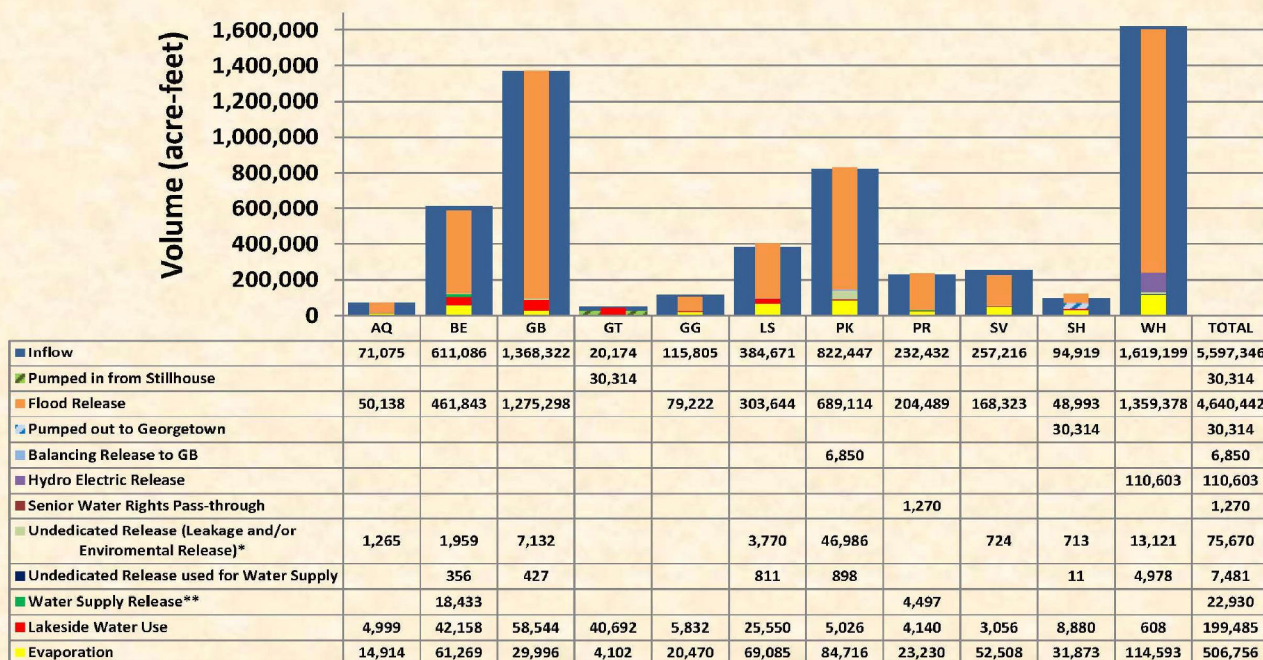
**Brazos River Authority 2021  
Customer Water Use and  
Reservoir Accounting Summary**

**2021 TOTAL WATER USE**  
**238,896 Acre-Feet**



AQ=Lake Aquilla  
BE=Lake Belton  
GB=Lake Granbury  
GT=Lake Georgetown  
GG=Lake Granger  
LS=Lake Limestone  
PK=Possum Kingdom Lake  
PR=Lake Proctor  
SV=Lake Somerville  
SH=Stillhouse Hollow Lake  
WH=Lake Whitney

**Brazos River Authority 2021 Reservoir Accounting (acre-feet)**



\* Leakage has not been quantified by the US Army Corp of Engineers for Lakes Georgetown, Granger and Proctor.

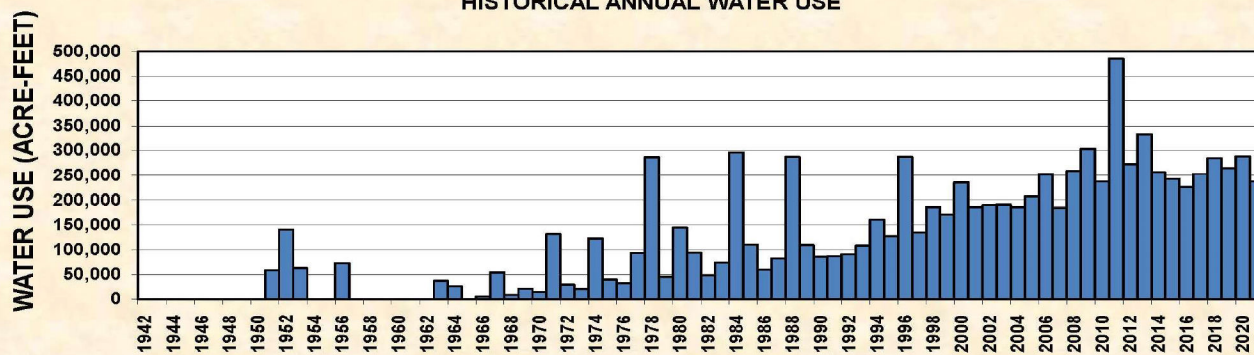
\*\*12,500 acre-feet of the 18,432 acre-feet of water released for water supply from Lake Belton was for the City of Temple under its own water right. Therefore, this 12,500 acre-feet is not reflected in BRA's water use total for 2021.

\*\*5,018 acre-feet of water used under NRG's BRA contract was pumped at their downstream pumping point near the City of Richmond under the BRA's Excess Flows permit.

Since water pumped under the Excess Flows permit is run-of-river water and not released from any of the BRA system reservoirs, it is not reflected in this reservoir accounting.

NOTE: [Lakeside Water Use (199,485 acre-feet) + Water Supply Release (22,930 acre-feet) + Undedicated Release used for Water Supply (7,481 acre-feet) - Temple water right (12,500 acre-feet) + Excess Flows (5,018 acre-feet) + Water use from the Colorado Basin (886 acre-feet) + Water Used under System Operations Permit (15,623 acre-feet) = Total 2021 BRA Water Use (238,896 acre-feet)]

**HISTORICAL ANNUAL WATER USE**



**BRAZOS RIVER AUTHORITY**  
**SCHEDULE OF CAPITAL ASSETS - NET ADDITIONS/(DELETIONS) BY OPERATIONS**  
**AUGUST 31, 2022(unaudited) (in thousands)**  
**(accrual basis of accounting)**

Last Ten Fiscal Years								
Year	Water Supply	WCRRWL	TBRSS	BCRWS	Sandy Creek	Clute- Richwood	Total	
2013	\$ 28,901	\$ 1,040	\$ 383	\$ (43)	\$ 2	\$ -	\$	30,283
2014	4,070	(2,170)	(1,554)	(7)	(9)	(1)		329
2015	1,170	599	-	(21)	-	-		1,748
2016	(720)	231	-	-	-	-		(489)
2017	21,470	-	-	59	-	-		21,529
2018	961	50	-	-	-	-		1,011
2019	4,184	-	-	(144)	-	-		4,040
2020	6,000	-	-	-	-	-		6,000
2021	1,966	6	-	-	-	-		1,972
2022	75,338	(5)	-	-	(18)	-		75,315
	<u>\$ 143,340</u>	<u>\$ (249)</u>	<u>\$ (1,171)</u>	<u>\$ (156)</u>	<u>\$ (25)</u>	<u>\$ (1)</u>	<u>\$</u>	<u>141,738</u>

**BRAZOS RIVER AUTHORITY**  
**SCHEDULE OF CAPITAL ASSETS - NET ADDITIONS/(DELETIONS) BY CLASSIFICATION**  
**AUGUST 31, 2022 (unaudited) (in thousands)**  
**(accrual basis of accounting)**

**Last Ten Fiscal Years**

	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land, storage and water rights	\$ (550)	\$ (542)	\$ 278	\$ (29)	\$ 16,660	\$ 6	\$ -	\$ -	\$ -	\$ 75,209	\$ 91,032
Reservoirs, water treatment and sewerage facilities	4,532	5,556	13,520	39	-	-	-	-	-	-	23,647
Building, structures and improvements	24,490	(3,543)	(13,542)	(10)	5,491	(36)	2,649	5,088	1,032	26	21,645
Vehicles, furniture and equipment	1,811	(1,142)	1,492	(489)	(622)	1,041	1,391	912	940	80	5,414
<b>Total</b>	<u>\$ 30,283</u>	<u>\$ 329</u>	<u>\$ 1,748</u>	<u>\$ (489)</u>	<u>\$ 21,529</u>	<u>\$ 1,011</u>	<u>\$ 4,040</u>	<u>\$ 6,000</u>	<u>\$ 1,972</u>	<u>\$ 75,315</u>	<u>\$ 141,738</u>



**This page intentionally left blank**



**BRAZOS RIVER AUTHORITY  
SCHEDULE OF INSURANCE  
AS OF AUGUST 31, 2022 (unaudited)**

Policy	Name of Company	Policy Number	Summary of Coverage	Limits of Liability	Coverage Period
Aircraft Liability	Texas Municipal League	1970-8292	Non-owned Aircraft Liability Deductible - \$2,500	\$10,000,000	10/1/2021 10/1/2022
Airport Liability	Texas Municipal League	1970-8292	Airport Liability Premises Products & Completed Operations Deductible - \$2,500	\$10,000,000 \$10,000,000	10/1/2021 10/1/2022
Automobile Liability & Physical Damage	Texas Municipal League	1970-8292	Automobile Liability Automobile Medical Payments Hired & Non-Owned Automobile Deductible - None Uninsured/Underinsured Motorist Automobile Physical Damage Deductible: \$ 250	\$5,000,000    \$1,000,000	10/1/2021 10/1/2022
Commercial Crime	Texas Municipal League	1970-8616	Public Employee Dishonesty Forgery or Alteration Computer Fraud Deductible: \$10,000 Theft, Disappearance & Destruction Deductible - None	 \$1,000,000 \$100,000  \$10,000	10/1/2021 10/1/2022
General Liability	Texas Municipal League	1970-8292	General Aggregate Deductible - None	\$10,000,000	10/1/2021 10/1/2022
Marine and Hull/ Mobile Equipment	Texas Municipal League	1970-8616	Coverage for Boats, Motors and Mobile Equipment Deductible: \$10,000	As Scheduled	10/1/2021 10/1/2022
Law Enforcement Liability	Texas Municipal League	1970-8392	Annual Aggregate Deductible: \$2,500	\$10,000,000	10/1/2021 10/1/2022
Errors & Omissions Liability	Texas Municipal League	1970-8292	Annual Aggregate Deductible: \$25,000	\$10,000,000	10/1/2021 10/1/2022
Boiler and Machinery	Texas Municipal League	1970-8616	Annual Aggregate Deductible: \$50,000	\$100,000	10/1/2021 10/1/2022
Real & Personal Property	Texas Municipal League	1970-8616	Annual Aggregate Deductible: \$50,000	As Scheduled	10/1/2021 10/1/2022
Cyber Liability and Data Breach Response	Texas Municipal League	1970-8293	Annual Aggregate Deductible: \$50,000	As Scheduled	10/1/2021 10/1/2022

**BRAZOS RIVER AUTHORITY  
SCHEDULE OF INSURANCE  
AS OF AUGUST 31, 2022 (unaudited)**

<b>Policy</b>	<b>Name of Company</b>	<b>Policy Number</b>	<b>Summary of Coverage</b>	<b>Limits of Liability</b>	<b>Coverage Period</b>
Fiduciary and Employee Benefits	Great American Insurance	MEP4387691	Annual Aggregate Per Occurrence Deductible: \$10,000	\$5,000,000 \$5,000,000	10/1/2021 10/1/2022
Public Officials Bond	Insurors of Texas/ C N A Surety Group	71252612	Board of Director's Bond Deductible - None	\$105,000	5/1/2022 5/1/2023
Peace Officer Bond	Insurors of Texas/ Hartford Insurance Group	46BSBAE6365	Peace Officer Bond Deductible - None	\$12,000	2/1/2022 2/1/2023
Travel Accident	Insurors of Texas/ Hartford Life	ETB-4333	Aggregate for Hazard Excludes Personal Aircraft Deductible - None	\$5,000,000	11/1/2022 11/1/2023
Workers' Compensation	Texas Water Conservation Association	99	Self-insured for first \$ 50,000 per occurrence	Aggregate Deduct \$150,000	7/1/2022 7/1/2023



**BRAZOS RIVER AUTHORITY  
FULL -TIME EQUIVALENT  
LAST TEN FISCAL YEARS (unaudited)**

Full-Time Equivalent Employees Per Annual Operating Plan										
	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
<b>Upper Basin</b>										
Management	5	4	4	4	4	4	4	4	4	4
Possum Kingdom	45	45	45	44	44	42	44	48	48	51
Lake Granbury	19	18	18	17	17	15	15	15	15	15
<b>Central Basin</b>										
Management & Lab	21	24	24	27	28	24	24	24	25	24
Temple-Belton WWTP	13	13	13	13	13	16	16	17	10	10
Brushy Creek RWS	0	0	0	16	16	17	17	17	17	17
Georgetown WWTP (a)	0	0	0	0	0	0	0	0	8	8
Sandy Creek WTP	5	5	4	4	4	4	4	4	5	5
Hutto WWS	3	2	2	2	2	2	2	0	0	0
East Williamson RWS	8	8	7	8	8	6	6	6	6	6
<b>Lower Basin</b>										
Lake Limestone	13	12	12	12	11	11	10	10	10	9
SLRSS	14	14	14	14	10	10	10	10	10	10
Clute	4	4	4	4	4	4	4	4	4	4
Liberty Hill (a)	0	0	0	0	0	0	0	0	1	1
<b>Central Office</b>										
General Administration	3	3	3	2	2	2	2	3	3	3
Legal Services	7	7	4	4	4	4	4	4	4	4
Financial Services	16	15	15	15	15	15	15	15	15	17
Human Resources	5	5	5	5	5	5	5	5	4	4
Gov. Cus. Relations	7	6	7	6	6	7	7	7	7	7
Information Technology	13	13	13	14	14	14	14	14	13	13
Planning & Development	2	1	1	1	1	2	2	2	1	1
Strategic Planning	0	0	0	0	0	0	0	0	2	2
Security & Safety	6	5	4	0	0	0	0	0	0	0
Water Services	8	8	7	0	0	0	0	0	0	0
Environmental Services	18	16	18	0	0	0	0	0	0	0
Technical Services	22	20	22	47	47	46	43	41	41	40
	<u>257</u>	<u>248</u>	<u>246</u>	<u>259</u>	<u>255</u>	<u>250</u>	<u>248</u>	<u>250</u>	<u>253</u>	<u>255</u>

(a) The BRA entered into negotiations for early termination of the cost reimbursable contract. After negotiations were complete the employees became employees of the purchasing entity.

Source: Brazos River Authority Annual Operating Plan



**Back Photo - Lake Granbury's DeCordova Bend Dam**





**Brazos River Authority**  
**4600 Cobbs Drive**  
**Waco, Texas 76710**