

## BRAZOS RIVER AUTHORITY

### Retirement Plan for Employees of Brazos River Authority

#### SCHEDULE OF INVESTMENT RETURNS Last Ten Years (Unaudited)

<b>Fiscal Year Ended</b>	<b>Annual Money-Weighted Rate of Return, Net of Investment Expenses</b>
February 29, 2020	7.30%
February 28, 2019	3.44%
February 28, 2018	6.05%
February 28, 2017	15.83%
February 29, 2016	-10.7%
February 28, 2015	5.35%
February 28, 2014	11.80%
February 28, 2013	6.78%
February 29, 2012	4.03%
February 28, 2011	13.87%

**Note to schedule:**

The money-weighted average rate of return expresses investment performance, net of investment expenses, reflecting the estimated effect of the contributions received and the benefits paid during the year.

# **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, 2020 and 2019 are as follows:

	<u>2020</u>	<u>2019</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 increase	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 May 1, 2019, 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-2018 (changed from RP2000 Combined Healthy Mortality Table, Fully Generational with Scale AA, set forward one year for males)

# 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 Normal
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	2.75%
Salary Increases	3.25% (made up of 2.75% inflation and .05% productivity increase assumptions) and a merit, promotion and longevity component that on average approximates 1.6% per year for a career employee.
Investment Rate of Return	8.1% (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 8.10%. This rate reflects the long-term assumed rate of return on assets for funding purposes of 8%, 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>Male</u>	<u>Female</u>	<u>Age</u>	<u>Male</u>	<u>Female</u>
40-44	4.5%	4.5%	62	20%	20%
45-49	9	9	63	15	15
50	10	10	64	15	15
51	9	9	65	25	25
52	9	9	66	25	25
53	9	9	67	22	22
54	10	10	68	20	20
55	10	10	69	20	20
56	10	10	70	22	22
57	10	10	71	22	22
58	12	12	72	22	22
59	12	12	73	22	22
60	12	12	74**	22	22
61	12	12			

\* Deferred members are assumed to retire (100% probability) at the later of: a) age 60 b) earliest retirement eligibility.

\*\* 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.

**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

<u>Years of Service</u>	<u>Probability</u>	<u>Years of Service</u>	<u>Probability</u>	<u>Years of Service</u>	<u>Probability</u>	<u>Years of Service</u>	<u>Probability</u>
0-1	100%	8	47%	15	40%	22	24%
2	100	9	46	16	38	23	22
3	100	10	45	17	36	24	20
4	100	11	44	18	33	25	18
5	100	12	43	19	30	26	16
6	100	13	42	20	28	27	14
7	100	14	41	21	26	28	12

\*Members with more than 29 years of service are not assumed to refund and the probability is 10%.



## *Supplemental Information*

**BRAZOS RIVER AUTHORITY**  
**COMBINING SCHEDULE OF FIDUCIARY NET POSITION**  
**August 31, 2020**  
**(in thousands)**

	<b>Retirement Plan for Employees of Brazos River Authority</b>	<b>Brazos River Authority 401 (a) non vested</b>	<b>Combined Total</b>
<b>Assets</b>			
Cash and cash equivalents	\$ 177	\$ -	\$ 177
Investments, at fair value			
Mutual funds - equities	7,923	105	8,028
Mutual funds - fixed income/GTAA	5,190	-	5,190
Mutual funds - international funds	3,123	-	3,123
Mutual funds - REITequities	1,694	-	1,694
Limited partnership - hedge fund	1,427	-	1,427
Limited partnership	946	-	946
Total Investments	<u>20,303</u>	<u>105</u>	<u>20,408</u>
Accrued interest	<u>1</u>	<u>-</u>	<u>1</u>
Total assets	<u>20,481</u>	<u>105</u>	<u>20,586</u>
<b>Liabilities</b>			
Administrative expenses payable	7	-	7
Benefits Payable	<u>11</u>	<u>-</u>	<u>11</u>
Total Liabilities	<u>18</u>	<u>-</u>	<u>18</u>
Net position restricted for pensions	<u>\$ 20,463</u>	<u>\$ 105</u>	<u>\$ 20,568</u>

**COMBINING SCHEDULE OF CHANGES IN FIDUCIARY NET POSITON**  
**FOR THE YEAR ENDED AUGUST 31, 2020**  
**(in thousands)**

	<b>Retirement Plan for Employees of Brazos River Authority</b>	<b>Brazos River Authority 401 (a) non vested</b>	<b>Combined Total</b>
<b>Additions</b>			
Employer contributions	\$ 1,425	\$ 38	\$ 1,463
Investment income/(loss)	<u>1,413</u>	<u>3</u>	<u>1,416</u>
Total additions	<u>2,838</u>	<u>41</u>	<u>2,879</u>
<b>Deductions</b>			
Benefits paid to participants	2,148	39	2,187
Administrative expenses	<u>79</u>	<u>1</u>	<u>80</u>
Total deductions	<u>2,227</u>	<u>40</u>	<u>2,267</u>
Net increase / (decrease) in net position	611	1	612
Total net position restricted for pensions at beginning of the year	<u>19,852</u>	<u>104</u>	<u>19,956</u>
Total net position restricted for pensions at end of year	<u>\$ 20,463</u>	<u>\$ 105</u>	<u>\$ 20,568</u>

**BRAZOS RIVER AUTHORITY**  
**SUPPLEMENTAL INFORMATION**  
**COMPARISON OF BUDGETED REVENUES AND EXPENSES TO ACTUAL**  
**(NON-GAAP BUDGETARY BASIS)**  
**YEAR ENDED AUGUST 31, 2020 (in thousands)**

	<u>2020</u> <u>Budget</u>	<u>2020</u> <u>Actual</u>	<u>Variance</u>	
<b>OPERATING REVENUES:</b>				
Water Supply System:				
Raw water sales	\$ 44,137	\$ 49,468	\$ 5,331	1
Treated water	3,651	4,168	517	
Wastewater treatment	4,015	4,019	4	
Lake operations	475	487	12	
Rate stabilization reserves	1,300	-	(1,300)	2
Other	437	923	486	
Cost Reimbursable Operations:				
Water conveyance	4,868	3,070	(1,798)	3
Water treatment	2,110	2,177	67	
Wastewater treatment	6,535	4,953	(1,582)	4
<b>TOTAL OPERATING REVENUES</b>	<u>67,528</u>	<u>69,265</u>	<u>1,737</u>	
<b>OPERATING EXPENSES:</b>				
Personnel services	25,017	22,674	2,343	5
Materials and supplies	2,622	2,383	239	
Utilities	2,647	2,667	(20)	
Depreciation and amortization	-	8,965	(8,965)	6
Outside services	10,651	9,970	681	
Repair and maintenance	3,106	3,279	(173)	
Landfill & sludge hauling	1,062	1,951	(889)	
Purchased water	2,372	2,279	93	
Other	12,970	2,333	10,637	7
<b>TOTAL OPERATING EXPENSES</b>	<u>60,447</u>	<u>56,501</u>	<u>3,946</u>	
<b>NON-OPERATING REVENUES (EXPENSES):</b>				
Investment income	2,700	2,529	(171)	
Grants	964	1,251	287	
Interest expense	(5,307)	(3,429)	1,878	8
Other expenses	-	(220)	(220)	
Gain on sale of capital assets	-	20	20	
Capital contributions	-	-	-	
Debt service - principal	(4,530)	-	4,530	9
<b>TOTAL NET NON-OPERATING REVENUES/ (EXPENSES)</b>	<u>(6,173)</u>	<u>151</u>	<u>6,324</u>	
<b>CHANGE IN NET POSITION</b>	<u>\$ 908</u>	<u>\$ 12,915</u>	<u>\$ 12,007</u>	

1 Higher than expected interruptible water sales

2 BRA anticipated utilizing Rate Stabilization Reserves as a funding source, but higher than expected interruptible water sales made this unnecessary

3 Due to adequate lake levels, the water conveyance pumps were not used as much as anticipated and debt service was lower than budgeted due to an advantageous debt refinancing

4 Delay in completing capital projects at wastewater plants due to a number of factors, including COVID-19

5 Lag salaries in nearly all departments and lower than anticipated benefits costs, especially health insurance

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 Delay in BRA taking over City of Houston's portion of Allens Creek debt and savings from the refunding of the WCRRWL debt

9 Debt service principal payments are not GAAP expenditures

## *Statistical Section*

## BRAZOS RIVER AUTHORITY STATISTICAL SECTION

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This part of the BRA's Comprehensive Annual 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.

<b><u>Contents</u></b>	<b><u>Pages</u></b>
<b>Financial Trends</b> 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.	108-111
<b>Revenue Capacity</b> 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.	112-115
<b>Debt Capacity</b> 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.	116-119
<b>Demographic and Economic information</b> 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.	120-126
<b>Operating Information</b> 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.	127-132
<b>Sources:</b> Unless otherwise noted, the information in these schedules are derived from the Comprehensive Annual Financial Reports for the relevant year.	

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

	FISCAL YEAR			
	2020	restated 2019	2018	2017
OPERATING REVENUES				
Water Supply System:				
Raw water	\$ 49,468	\$ 41,629	\$ 40,285	\$ 39,074
Treated water	4,168	3,028	3,071	2,862
Wastewater treatment	4,019	3,447	2,123	2,119
Lake operations	487	529	590	523
Grants	-	-	-	1,055
Other	923	820	1,145	1,044
Cost Reimbursable Operations				
Water conveyance	3,070	3,107	3,828	2,794
Water treatment	2,177	1,528	1,277	1,208
Wastewater treatment	4,953	5,937	9,986	9,285
TOTAL OPERATING REVENUES	69,265	60,025	62,305	59,964
OPERATING EXPENSES				
Personnel services	22,674	22,808	21,120	20,346
Materials and supplies	2,383	2,340	2,334	2,198
Utilities	2,667	1,951	3,479	2,589
Depreciation and amortization	8,965	8,768	8,657	8,362
Outside services	9,970	7,564	6,105	5,489
Repair and maintenance	3,279	2,760	2,372	2,198
Landfill and sludge hauling	1,951	1,229	2,579	2,366
Purchased water	2,279	2,272	2,271	2,267
Other	2,333	2,939	2,724	2,112
TOTAL OPERATING EXPENSES	56,501	52,631	51,641	47,927
OPERATING INCOME	12,764	7,394	10,664	12,037
NON-OPERATING REVENUES (EXPENSES)				
Investment income	2,529	3,114	1,830	975
Grants	1,251	904	1,083	-
Interest expense	(3,429)	(3,842)	(3,945)	(4,020)
Other expenses	(220)	(126)	(15)	(153)
Gain/(Loss) on sale of capital assets (a),(b),(c),(d),(f)	20	(21)	(6,469)	65
TOTAL NET NON-OPERATING REVENUES (EXPENSES)	151	29	(7,516)	(3,133)
INCOME (LOSS) BEFORE CONTRIBUTIONS & SPECIAL ITEMS	12,915	7,423	3,148	8,904
CAPITAL CONTRIBUTIONS	-	500	-	-
SPECIAL ITEMS (e)	-	-	-	-
CHANGE IN NET POSITION	\$ 12,915	\$ 7,923	\$ 3,148	\$ 8,904

- a During Fiscal Year 2011, the BRA sold most residential and selected commercial leases at PK Lake to Patterson PK Land Partnership, Ltd
- b During Fiscal Year 2012, the customer cities of SWATS and the BRA entered into negotiations for early termination of their contract. Negotiations were completed and the ownership/operation was transferred to the customers May 31, 2012 and all existing contracts, assets, and related debt were transferred to the SWATS customers
- c Proceeds from litigation settlement of capital assets
- d 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
- e Central office mold remediation expenses
- f During Fiscal Year 2018, as a result of successful negotiations with the City of Graham, the BRA sold the project to the City of Graham

2016	2015	2014	2013	Restated 2012	2011
\$ 35,209	\$ 34,133	\$ 31,420	\$ 31,915	\$ 32,795	\$ 33,672
2,388	2,208	1,790	1,588	2,019	1,623
2,108	1,992	2,095	3,585	3,424	3,335
663	1,025	934	1,638	1,739	2,095
644	1,419	988	800	902	778
997	1,011	930	867	1,149	1,103
2,394	3,230	3,453	3,557	3,826	3,037
1,232	1,225	1,102	994	7,052	8,938
8,982	8,685	8,316	7,892	7,631	7,860
<u>54,617</u>	<u>54,928</u>	<u>51,028</u>	<u>52,836</u>	<u>60,537</u>	<u>62,441</u>
19,881	18,675	17,693	15,540	16,054	15,740
2,130	2,168	2,101	2,206	2,598	2,990
2,606	3,814	4,329	3,792	4,267	4,981
8,279	7,244	7,274	9,297	8,745	9,376
4,610	4,697	4,572	4,578	3,426	4,372
2,207	2,281	2,260	2,638	3,175	2,655
2,561	2,280	2,236	2,355	3,251	2,529
2,423	2,610	2,360	2,361	2,360	2,291
2,100	1,239	1,028	1,123	1,132	1,088
<u>46,797</u>	<u>45,008</u>	<u>43,853</u>	<u>43,890</u>	<u>45,008</u>	<u>46,022</u>
7,820	9,920	7,175	8,946	15,529	16,419
660	493	470	592	1,074	1,223
(4,167)	(4,367)	(4,283)	(4,183)	(5,801)	(7,166)
(371)	(268)	(107)	(1,165)	(2,286)	(147)
<u>10,272</u>	<u>820</u>	<u>(1,466)</u>	<u>(547)</u>	<u>(11,117)</u>	<u>48,865</u>
6,394	(3,322)	(5,386)	(5,303)	(18,130)	42,775
14,214	6,598	1,789	3,643	(2,601)	59,194
415	874	479	892	1	636
-	-	-	-	(2,400)	-
<u>\$ 14,629</u>	<u>\$ 7,472</u>	<u>\$ 2,268</u>	<u>\$ 4,535</u>	<u>\$ (5,000)</u>	<u>\$ 59,830</u>

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

<b>Fiscal Year</b>	<b>Net Invested in Capital Assets</b>	<b>Restricted For Construction and Debt Service</b>	<b>Restricted for Pension Assets</b>	<b>Unrestricted</b>	<b>Total Net Position</b>
8/31/2011	\$ 143,435	\$ 9,393	\$ -	\$ 90,359	\$ 243,187
8/31/2012	\$ 173,492	\$ 6,490	\$ -	\$ 58,205	\$ 238,187
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

- During Fiscal Year 2011, the BRA sold most residential and selected commercial leases at Possum Kingdom Lake to Patterson PK Land Partnership, Ltd.
- During Fiscal Year 2012, the BRA disposed of all assets and liabilities related to the SWATs operation as a result of the transfer agreement with the contracting parties of the SWATs operation. In addition, during the Fiscal Year 2012, the BRA redeemed the Series 2002 Water Supply bonds, the Series 2005A Water Supply bonds, and the Contracts Payable for the Aquilla Reservoir storage space.
- 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.



**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
2011	296,773	62.50	10,190	43.75	100,238	16.54	33,633	18.14	25,000	83.07	205,447	16.10	671,281
2012	296,891	62.50	10,160	43.75	100,238	16.72	33,583	18.30	21,528	81.49	205,447	15.46	667,847
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

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.

**Note:** The BRA had 754,835 acre-feet of water committed under long-term contracts as of August 18, 2020. 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 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			Fiscal Year 2015		
Customer	Revenues	% of Total Operating Revenues	Customer	Revenues	% of Total Operating Revenues
City of Round Rock	\$ 9,303	16.94	City of Round Rock	\$ 9,014	16.41
City of Georgetown	5,333	9.71	City of Georgetown	5,138	9.35
Gulf Coast Water Authority	4,929	8.97	Gulf Coast Water Authority	3,581	6.52
NRG Texas Power, LLC.	3,375	6.14	City of Temple	2,474	4.50
City of Temple	3,114	5.67	City of Sugar Land	2,440	4.44
Dow Chemical Company	2,845	5.18	Dow Chemical Company	1,994	3.63
City of Sugar Land	2,529	4.60	Bell County Water C.I.D. #1	1,937	3.53
Luminant (TXU/Oakgrove)	2,216	4.03	City of Taylor	1,599	2.91
Bell County Water C.I.D. #1	1,981	3.61	TXU Electric / Oakgrove	1,583	2.88
Jonah Water S.U.D.	1,612	2.94	NRG Texas Power, LLC.	1,542	2.81
	<u>\$ 37,237</u>	<u>67.79</u>		<u>\$ 31,302</u>	<u>56.98</u>

Fiscal Year 2014			Fiscal Year 2013		
Customer	Revenues	% of Total Operating Revenues	Customer	Revenues	% of Total Operating Revenues
City of Round Rock	\$ 8,464	16.59	City of Round Rock	\$ 8,313	15.73
City of Georgetown	3,529	6.92	Gulf Coast Water Authority	5,059	9.57
Gulf Coast Water Authority	3,405	6.67	City of Georgetown	4,831	9.14
NRG Texas Power, LLC	2,595	5.09	NRG Texas Power, LLC.	2,618	4.95
City of Sugar Land	2,376	4.66	City of Sugar Land	2,425	4.59
City of Temple	2,278	4.46	Dow Chemical Company	2,375	4.49
Dow Chemical Company	1,900	3.72	City of Temple	2,077	3.93
Bell County Water C.I.D. #1	1,882	3.69	Bell County Water C.I.D. #1	1,836	3.48
TXU Electric / Oakgrove	1,514	2.97	TXU Electric / Oakgrove	1,607	3.04
Chisholm Trail S.U.D.	1,305	2.56	City of Taylor	1,266	2.40
	<u><u>\$ 29,248</u></u>	<u><u>57.33</u></u>		<u><u>\$ 32,407</u></u>	<u><u>61.32</u></u>

Fiscal Year 2012			Fiscal Year 2011		
Customer	Revenues	% of Total Operating Revenues	Customer	Revenues	% of Total Operating Revenues
City of Round Rock	\$ 8,450	13.96	City of Round Rock	\$ 7,167	11.48
Johnson County S.U.D.	5,673	9.37	Gulf Coast Water Authority	6,821	10.93
City of Georgetown	4,470	7.38	Johnson County S U D	5,611	8.99
Gulf Coast Water Authority	4,412	7.29	City of Georgetown	4,968	7.96
NRG Texas Power, LLC.	2,593	4.28	NRG Texas Power, LLC	2,594	4.16
City of Sugar Land	2,121	3.50	City of Temple	2,350	3.77
City of Temple	2,241	3.70	City of Sugar Land	1,994	3.19
Bell County Water C.I.D. #1	1,828	3.02	Dow Chemical Company	1,928	3.09
Dow Chemical Company	1,820	3.01	Bell County Water C.I.D. #1	1,813	2.90
TXU Electric / Oakgrove	1,648	2.72	TXU Electric / Oakgrove	1,450	2.32
	<u><u>\$ 35,256</u></u>	<u><u>58.23</u></u>		<u><u>\$ 36,696</u></u>	<u><u>58.79</u></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 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
	<b>\$ 36,528</b>	<b>62.14</b>

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
	<b>\$ 33,120</b>	<b>65.77</b>

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	0.37
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
	<b>\$ 32,874</b>	<b>60.76</b>

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
	<b>\$ 31,398</b>	<b>67.92</b>

Fiscal Year 2016		
Customer	Revenues	% of Total WSS Revenues
Gulf Coast Water Authority	\$ 4,929	11.92
City of Round Rock	3,431	8.30
NRG Texas Power LLC	3,375	8.16
City of Georgetown	3,222	7.79
Dow Chemical Company	2,845	6.88
City of Sugar Land	2,529	6.11
Bell County Water C.I.D. #1	2,216	5.36
Luminant (TXU/Oakgrove)	1,981	4.79
City of Taylor	1,599	3.87
City of Cleburne	1,058	2.56
	<b>\$ 27,185</b>	<b>65.74</b>

Fiscal Year 2015		
Customer	Revenues	% of Total WSS Revenues
City of Round Rock	\$ 3,704	8.95
Gulf Coast Water Authority	3,581	8.66
City of Georgetown	3,151	7.62
NRG Texas Power LLC	2,733	6.61
City of Sugar Land	2,440	5.90
Dow Chemical Company	1,994	4.82
Bell County Water C.I.D. #1	1,937	4.68
City of Taylor	1,599	3.87
TXU Electric / Oakgrove	1,583	3.83
City of Cleburne	1,043	2.52
	<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>

Fiscal Year 2012			Fiscal Year 2011		
Customer	Revenues	% of Total WSS Revenues	Customer	Revenues	% of Total WSS Revenues
Gulf Coast Water Authority	\$ 4,412	10.50	Gulf Coast Water Authority	\$ 6,821	16.02
City of Georgetown	3,654	8.69	City of Georgetown	3,582	8.41
City of Round Rock	3,309	7.87	City of Round Rock	3,301	7.75
NRG Texas Power LLC	2,593	6.17	NRG Texas Power LLC	2,594	6.09
City of Sugar Land	2,121	5.05	City of Sugar Land	1,998	4.69
Bell County Water C.I.D. #1	1,828	4.35	Dow Chemical Company	1,928	4.53
Dow Chemical Company	1,820	4.33	Bell County Water C.I.D. #1	1,813	4.26
TXU Electric / Oakgrove	1,648	3.92	TXU Electric / Oakgrove	1,450	3.41
City of Taylor	1,608	3.83	City of Taylor	1,262	2.96
City of Cleburne	938	2.23	City of Cleburne	938	2.20
	<b>\$ 23,931</b>	<b>56.94</b>		<b>\$ 25,687</b>	<b>60.32</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)**

<b>Fiscal Year Ended August 31</b>	<b>Series 2015</b>		<b>Series 2009</b>		<b>Outstanding Bonds</b>		<b>Total Debt Service Requirements</b>	<b>% Of Principal Retired</b>
	<b>PRINCIPAL</b>	<b>INTEREST</b>	<b>PRINCIPAL</b>	<b>INTEREST</b>	<b>PRINCIPAL</b>	<b>INTEREST</b>		
2021	720	417	1,135	264	1,855	681	2,536	
2022	750	387	1,160	241	1,910	628	2,538	
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	39.47
2026	855	283	1,275	125	2,130	408	2,538	
2027	875	260	1,310	92	2,185	352	2,537	
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	78.93
2031	985	148	-	-	985	148	1,133	
2032	1,015	118	-	-	1,015	118	1,133	
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
<b>Total</b>	<b>\$ 13,665</b>	<b>\$ 3,370</b>	<b>\$ 11,250</b>	<b>\$ 1,358</b>	<b>\$ 24,915</b>	<b>\$ 4,728</b>	<b>\$ 29,644</b>	

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, 2020 (unaudited) (in thousands)**

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Average Annual Principal and Interest Requirements, 2021 - 2035	\$ 1,976
Coverage of Average Requirements by August 31, 2020 Net Revenues	10.60
Maximum Principal and Interest Requirements, 2022	\$ 2,538
Coverage of Maximum Requirements by August 31, 2020 Net Revenues	8.26
System Revenue Bonds Outstanding, August 31, 2020	\$ 24,915
Interest and Sinking Account Balance, August 31, 2020	\$ 944 <sup>1</sup>
Reserve Account Balance, August 31, 2020 (Series 2009)	\$ 1,441 <sup>2</sup>

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

<sup>2</sup> At August 31, 2020, 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, 2020 (unaudited) (in thousands)**

	<b>Fiscal Year Ended August 31</b>				
	<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>
Gross Revenues:					
Raw water	\$ 49,468	\$ 41,629	\$ 40,285	\$ 39,074	\$ 35,209
Treated water	4,168	3,028	3,071	2,862	2,388
Wastewater treatment	4,019	3,447	2,123	2,119	2,108
Lease income	487	529	590	523	663
Other	640	507	670	589	560
Interest	2,495	3,024	1,756	947	644
Grants	1,251	904	1,083	1,055	644
<b>TOTAL GROSS REVENUES</b>	<b>\$ 62,528</b>	<b>\$ 53,068</b>	<b>\$ 49,578</b>	<b>\$ 47,169</b>	<b>\$ 42,216</b>
Operation & Maintenance Expenses:					
Personnel services	\$ 20,228	\$ 20,085	\$ 17,764	\$ 16,202	\$ 15,889
Materials, supplies & services	1,630	1,626	1,477	1,420	1,310
Utilities	941	818	815	844	854
Outside services	9,084	6,625	5,096	4,542	3,732
Repair and maintenance	2,715	1,901	1,428	1,337	1,211
Landfill and sludge hauling	790	399	215	216	355
Purchased water	2,184	2,159	2,137	2,143	2,225
Other	1,478	1,639	1,025	795	1,624
Other non-operating	211	120	14	21	26
Program and project expenditures	-	1,466	1,032	599	919
Other debt service (1)	2,319	2,477	2,638	2,638	2,638
<b>TOTAL OPERATION &amp; MAINTENANCE</b>	<b>\$ 41,580</b>	<b>\$ 39,315</b>	<b>\$ 33,641</b>	<b>\$ 30,757</b>	<b>\$ 30,783</b>
<b>NET REVENUES AVAILABLE TO PAY DEBT SERVICE</b>	<b>\$ 20,948</b>	<b>\$ 13,753</b>	<b>\$ 15,937</b>	<b>\$ 16,412</b>	<b>\$ 11,433</b>
<b>DEBT SERVICE WATER SUPPLY SYSTEM BONDS</b>	<b>\$ 2,535</b>	<b>\$ 2,538</b>	<b>\$ 2,538</b>	<b>\$ 2,537</b>	<b>\$ 2,540</b>
<b>COVERAGE PERCENTAGE</b>	<b>8.26</b>	<b>5.42</b>	<b>6.28</b>	<b>6.47</b>	<b>4.50</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 (in thousands)**  
**LAST TEN FISCAL YEARS (unaudited)**

Fiscal Year	Water Supply Revenue Bonds	Contract Revenue Bonds (1)	US Army Corps of Engineers Contracts Payable
2011	\$ 73,735	\$ 60,503	\$ 33,766
2012	\$ 52,985 a	\$ 33,424 b	\$ 23,724 c
2013	\$ 51,550	\$ 33,015	\$ 28,047
2014	\$ 41,565 d	\$ 32,664	\$ 26,901
2015	\$ 39,555	\$ 32,300	\$ 24,998
2016	\$ 37,895	\$ 31,932	\$ 23,819
2017	\$ 36,210	\$ 31,104	\$ 22,659
2018	\$ 34,485	\$ 30,240	\$ 21,465
2019	\$ 32,720	\$ 29,345	\$ 20,356
2020	\$ 30,915	\$ 27,575 e	\$ 19,413

- a. During FY 2012, the BRA defeased the Water Supply System Revenue Bonds, Series 2002 (AMT), in the amount of \$6,710 and the Water Supply System Revenue Bonds, Series 2005A (AMT), in the amount of \$11,605.
- b. During FY 2012, the contracting parties of the Lake Granbury Surface Water and Treatment System (SWATS) and the BRA entered into negotiations for sale and transfer of the SWATS facility. Negotiations were completed and the ownership/operation was transferred to the contracting parties on May 21, 2012. This resulted in \$25,980 of Contract Revenue Bonds to be called and refinanced by the contracting parties.
- c. During FY 2012, the BRA defeased the USACE Aquilla Reservoir Contracts Payable debt in the amount of \$8,956.
- d. During FY2014, the BRA defeased the Water Supply System Revenue Bonds, Series 2005B, in the amount of \$8,925.
- e. During FY2020, 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.
- (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 1/6<sup>th</sup> 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, 2020 (unaudited)**

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**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:** 2015  
**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 - 16 inches  
Southeast - 48 inches

**Number of employees:** 248 Full-time, 18 Part-time (per Fiscal Year 2021 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, 2020 (unaudited)**

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<b>Brazos River Authority Operating Statistics:</b> (water/wastewater treated in thousands of gallons)		
	<b>Years Ended August 31</b>	
	<b><u>2020</u></b>	<b><u>2019</u></b>
Temple Belton Wastewater Treatment Plant	2,600,000	2,416,550
Sugar Land Regional Sewerage System	3,653,000	2,734,434
Hutto Wastewater System	500,000	541,430
Clute/Richwood Regional Sewerage System	1,000,000	106,740
Sandy Creek Regional Water Treatment Plant	2,700,000	1,700,700
East Williamson County Water Treatment System	1,736,000	1,459,337
Doshier Farm Wastewater Treatment Plant	1,100,000	1,171,677

<b>Brazos River Authority Dams and Reservoirs:</b>	
<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, 2020 (unaudited)**

<b>U. S. Army Corps of Engineers Dams and Reservoirs</b>		
<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

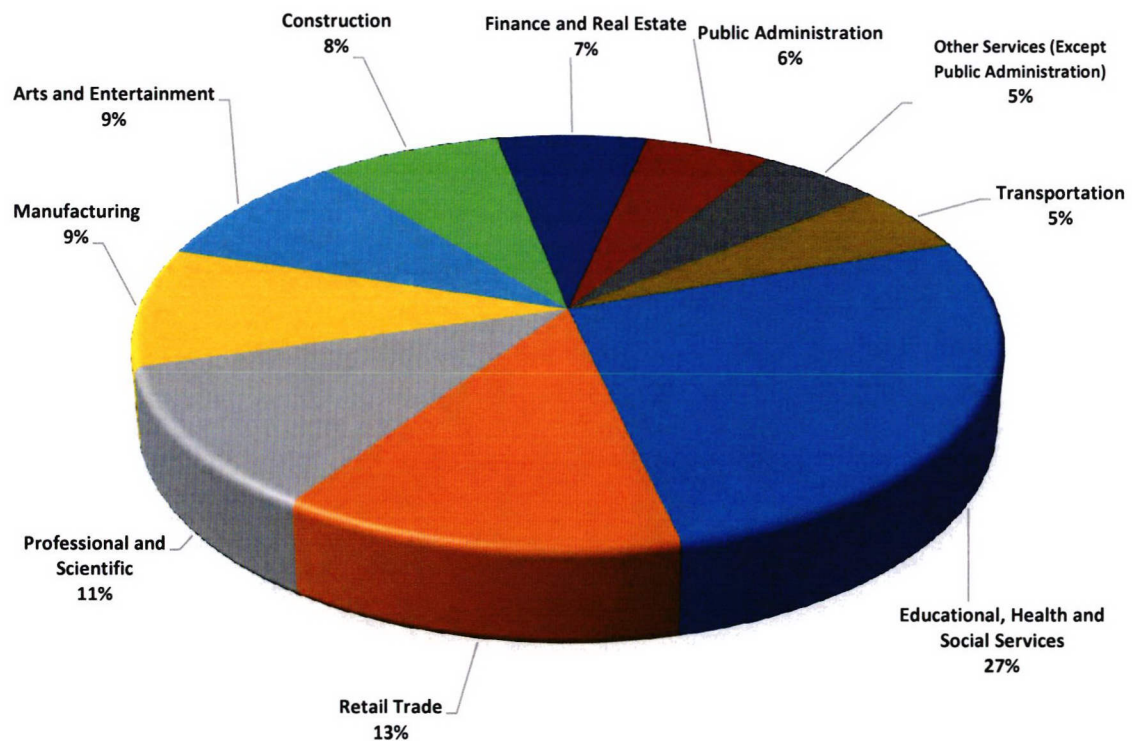


**BRAZOS RIVER AUTHORITY**  
**MISCELLANEOUS DEMOGRAPHIC AND ECONOMIC INFORMATION**  
**AUGUST 31, 2020 (unaudited)**

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

Industry	Number of Entities in Category
Educational, Health and Social Services	412,010
Retail Trade	199,243
Professional & Scientific	170,549
Manufacturing	142,839
Arts & Entertainment	140,314
Construction	120,030
Finance & Real Estate	99,666
Public Administration	83,634
Other Services (Except Public Administration)	80,686
Transportation	80,024



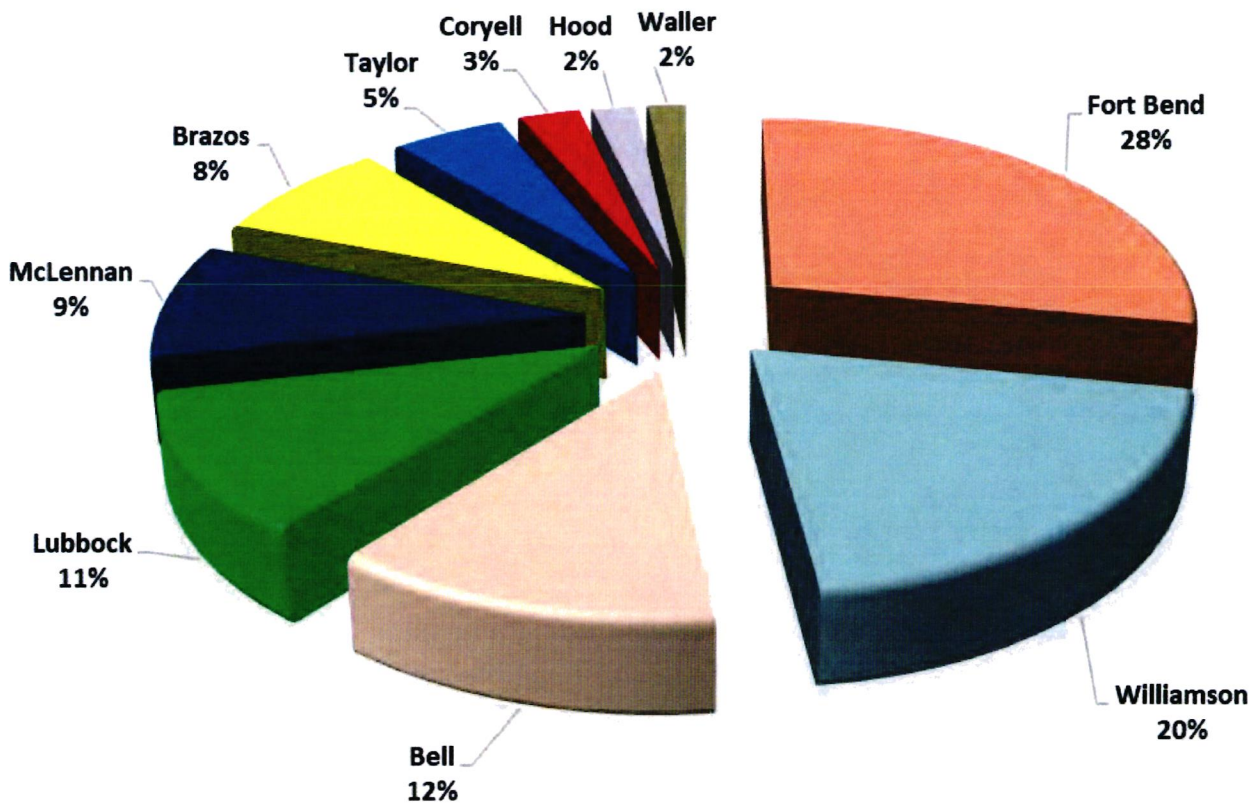
**Source:** U.S. Census Bureau, 2018, 5 year American Community Survey

**BRAZOS RIVER AUTHORITY**  
**MISCELLANEOUS DEMOGRAPHIC AND ECONOMIC INFORMATION**  
**AUGUST 31, 2020 (unaudited)**

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

County	Population
Fort Bend	787,858
Williamson	566,719
Bell	355,642
Lubbock	307,412
McLennan	254,607
Brazos	226,758
Taylor	137,640
Coryell	74,808
Hood	55,418
Waller	48,443



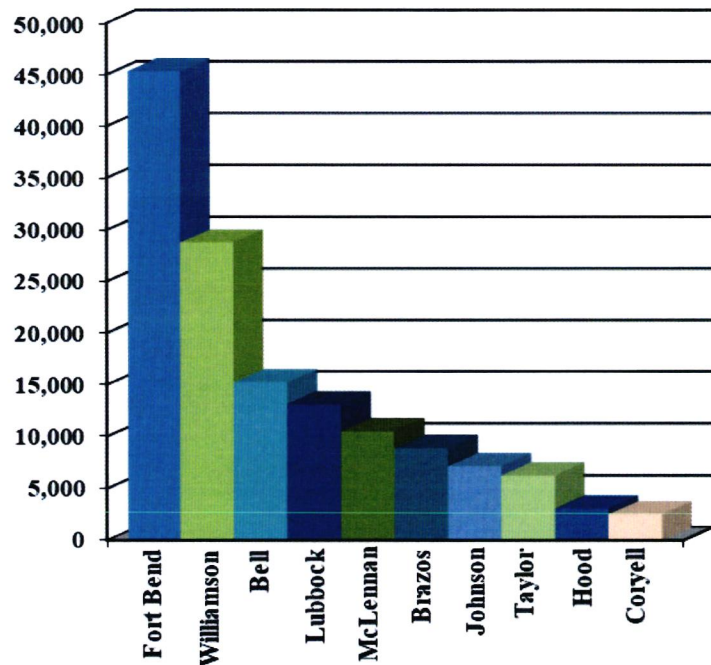
**Source:** U.S. Census Bureau, Annual Estimate of the Resident Population as of November 14, 2019



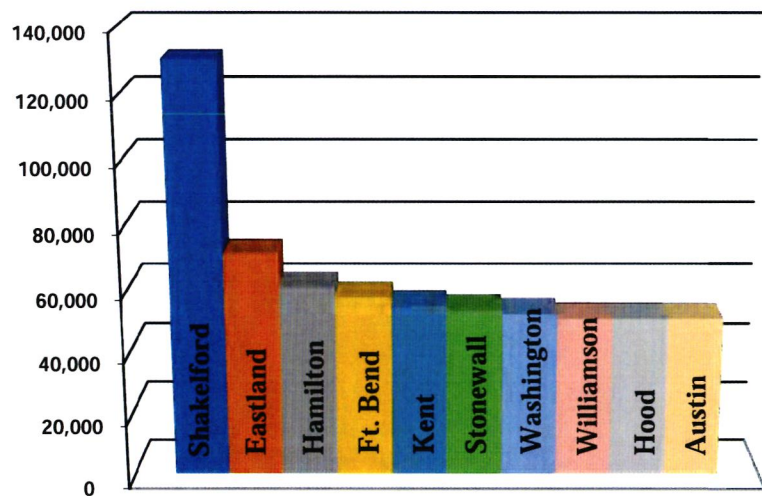
**BRAZOS RIVER AUTHORITY**  
**MISCELLANEOUS DEMOGRAPHIC AND ECONOMIC INFORMATION**  
**AUGUST 31, 2020 (unaudited)**

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<b>County (Top Ten)</b>	<b>Total Personal Income (in millions)</b>
Fort Bend	45,333
Williamson	28,775
Bell	15,211
Lubbock	13,086
McLennan	10,503
Brazos	8,893
Johnson	7,145
Taylor	6,240
Hood	3,072
Coryell	2,543



<b>County (Top Ten)</b>	<b>Total Per Capita Income (in thousands)</b>
Shackelford	130,461
Eastland	71,142
Hamilton	60,744
Fort Bend	57,540
Kent	54,858
Stonewall	53,416
Washington	52,265
Williamson	50,776
Hood	50,741
Austin	50,702



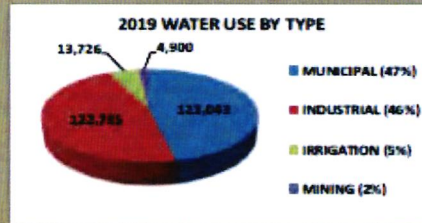
**Source:** Bureau of Economic Analysis, Updated November 2018



**BRAZOS RIVER AUTHORITY**  
**MISCELLANEOUS DEMOGRAPHIC AND ECONOMIC INFORMATION**  
**AUGUST 31, 2020 (unaudited)**

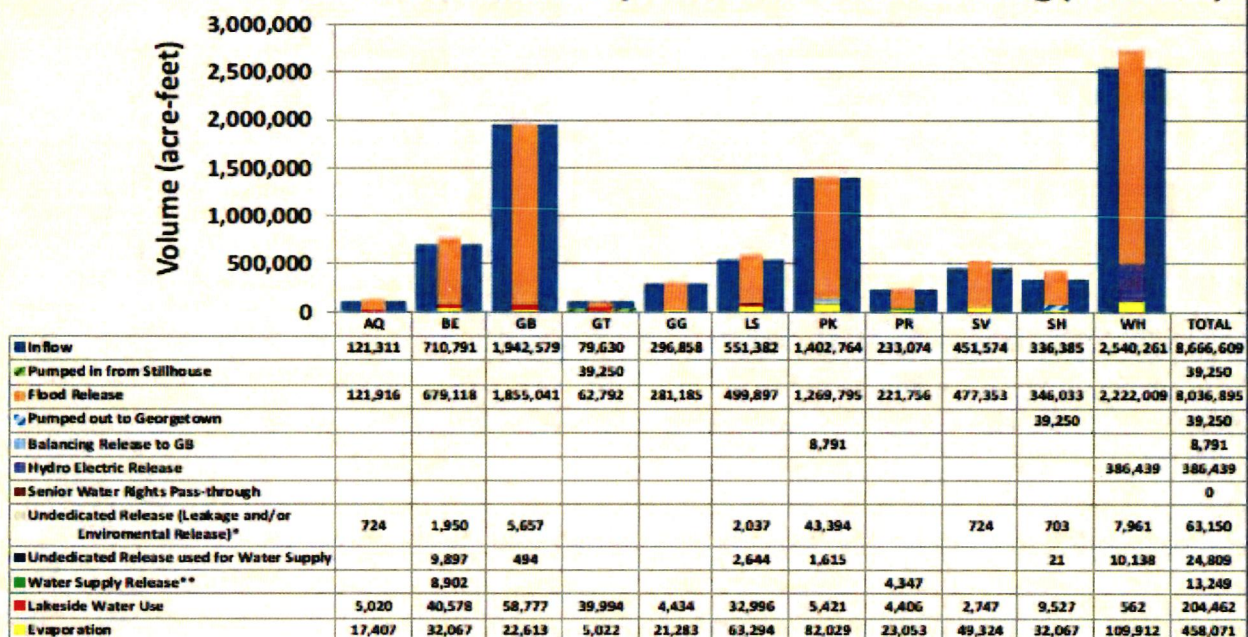
**Brazos River Authority 2019  
Customer Water Use and  
Reservoir Accounting Summary**

**2019 TOTAL WATER USE**  
**264,454 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 2019 Reservoir Accounting (acre-feet)**



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

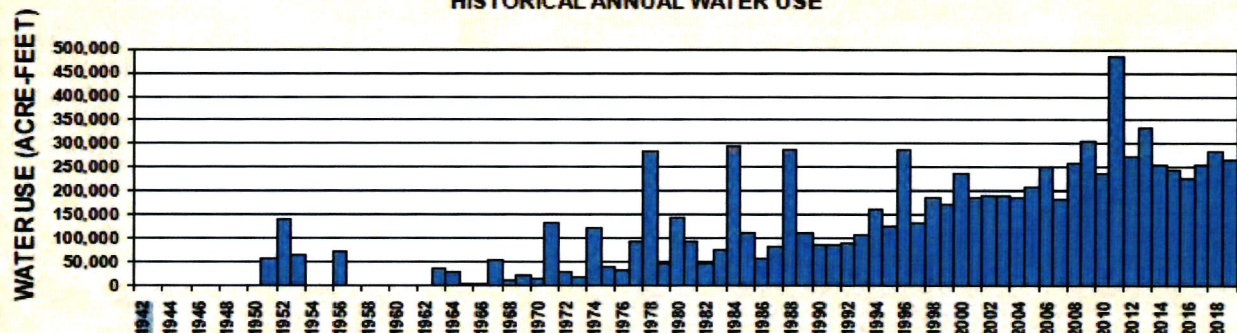
\*\*12,500 acre-feet of the 18,799 acre-feet of water released for water supply from Lake Belton was for the City of Temple under its own water right. Therefore, this 12,500 acre-feet is not reflected in BRA's water use total for 2019.

\*\*34,084 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 (204,462 acre-feet) + Water Supply Release (13,249 acre-feet) + Undedicated Release used for Water Supply (24,809 acre-feet) + Temple water right (12,500 acre-feet) + Excess Flows (34,084 acre-feet) + Water use from the Colorado Basin (350 acre-feet) = Total 2019 BRA Water Use (264,454 acre-feet)]

**HISTORICAL ANNUAL WATER USE**





**BRAZOS RIVER AUTHORITY**  
**SCHEDULE OF CAPITAL ASSETS - NET ADDITIONS/(DELETIONS) BY OPERATIONS**  
**AUGUST 31, 2020 (unaudited) (in thousands)**  
**(accrual basis of accounting)**

**Last Ten Fiscal Years**

<b>Year</b>	<b>Water Supply</b>	<b>SWATS</b>	<b>WCRRWL</b>	<b>TBRSS</b>	<b>BCRWS</b>	<b>Hutto</b>	<b>Sandy Creek</b>	<b>Clute-Richwood</b>	<b>Total</b>
2011	(1,504)	272	6,693	13	(287)	(18)	(15)	(152)	5,002
2012	(3,547)	(28,126)	(1,101)	307	(8)	-	(8)	(3)	(32,486)
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
	<u>\$ 60,985</u>	<u>\$ (27,854)</u>	<u>\$ 5,342</u>	<u>\$ (851)</u>	<u>\$ (451)</u>	<u>\$ (18)</u>	<u>\$ (30)</u>	<u>\$ (156)</u>	<u>\$ 36,967</u>

**BRAZOS RIVER AUTHORITY**  
**SCHEDULE OF CAPITAL ASSETS - NET ADDITIONS/(DELETIONS) BY CLASSIFICATION**  
**AUGUST 31, 2020 (unaudited) (in thousands)**  
**(accrual basis of accounting)**

**Last Ten Fiscal Years**

	<u>2011</u>	<u>2012</u>	<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>Total</u>
Land, storage and water rights	\$ (73)	\$ (630)	\$ (550)	\$ (542)	\$ 278	\$ (29)	\$ 16,660	\$ 6	\$ -	\$ -	\$ 15,120
Reservoirs, water treatment and sewerage facilities	6,652	(18,490)	4,532	5,556	13,520	39	-	-	-	-	11,809
Building, structures and improvements	(278)	(12,594)	24,490	(3,543)	(13,542)	(10)	5,491	(36)	2,649	5,088	7,715
Vehicles, furniture and equipment	(1,299)	(772)	1,811	(1,142)	1,492	(489)	(622)	1,041	1,391	912	2,323
<b>Total</b>	<u>\$ 5,002</u>	<u>\$ (32,486)</u>	<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>\$ 36,967</u>

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**BRAZOS RIVER AUTHORITY  
SCHEDULE OF INSURANCE  
AS OF AUGUST 31, 2020 (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>
Aircraft Liability	Texas Municipal League	1970-14	Non-owned Aircraft Liability	\$10,000,000	10/1/2019
			Deductible - \$2,500	Each occurrence	10/1/2020
Airport Liability	Texas Municipal League	1970-14	Airport Liability Premises (BI&PD)	\$10,000,000	10/1/2019
			Airport Liability Premises (PI&AI)	\$10,000,000	10/1/2020
			Products & Completed Operations	\$10,000,000	
			Max of all Coverages Combined	\$10,000,000	
			Deductible - \$2,500		
Automobile Liability & Physical Damage	Texas Municipal League	1970-14	Automobile Liability	\$5,000,000	10/1/2019
			Uninsured Motorist	\$1,000,000	10/1/2020
			Collision	Actual Cash Value	
			Comprehensive	Actual Cash Value	
			Deductible - None		
			Hired Auto Comp/Coll	Actual Cash Value	
Commercial Crime	Texas Municipal League	1970-14	Deductible: \$ 250/Scheduled Vehicles		
			Public Employee Dishonesty	\$2,000,000	10/1/2019
			Forgery or Alteration	\$1,000,000	10/1/2020
			Computer Fraud	\$1,000,000	
			Deductible: \$10,000		
			Theft, Disappearance & Destruction	\$10,000	
Fiduciary and Employee Benefits	Great American Insurance	MEP4387691	Deductible - None		
			Annual Aggregate	\$5,000,000	12/31/2019
			Per Occurrence	\$5,000,000	12/31/2020
General Liability	Texas Municipal League	1970-14	Deductible: \$10,000		
			General Aggregate	\$10,000,000	10/1/2019
			Products/Completed Operation	\$5,000,000	10/1/2020
			Each Occurrence (BI, PI, AI)	\$5,000,000	
			Fire Damage	\$5,000,000	
Marine and Hull/ Mobile Equipment	Texas Municipal League	1970-14	Deductible - None		
			Coverage for Boats, Motors and Mobile Equipment	\$7,200,765	10/1/2019
			Deductible: \$10,000		10/1/2020
Law Enforcement Liability	Texas Municipal League	1970-14			
			Each Occurrence	\$5,000,000	10/1/2019
			Annual Aggregate	\$10,000,000	10/1/2020
Public Officials and Employees Practices Liability	Texas Municipal League	1970-14	Deductible: \$2,500		
			Each Wrongful Act	\$5,000,000	10/1/2019
			Annual Aggregate	\$10,000,000	10/1/2020
			Deductible \$25,000		

**BRAZOS RIVER AUTHORITY  
SCHEDULE OF INSURANCE  
AS OF AUGUST 31, 2020 (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>
Property/Boiler & Machinery	Texas Municipal League	1970-14	Blanket Real & Personal Property,	\$90,195,178	10/1/2019
			EDP, & Boiler & Machinery		10/1/2020
			Deductible \$50,000		
			Terrorism	\$10,000,000	
			Valuable Papers & Records	\$25,000,000	
			Accounts Receivable & Business Income	\$1,000,000	
			Fine Arts & Transportation	\$1,000,000	
			Demolition	Blanket Limit	
			Increased cost of Construction	Blanket Limit	
			Expediting Costs	Blanket Limit	
			Mobile Homes per Location	Blanket Limit	
			Pollution Cleanup in the Aggregate per premises	\$20,000	
			Flood in the Aggregate	\$10,000,000	
			(no flood coverage in 100 year flood zone or in Tier 1 and 2 counties)		
			Deductible \$25,000		
Public Officials Bond	Insurors of Texas/ C N A Surety Group	71252612	Board of Director's Bond	\$105,000	5/1/2020
			Deductible - None		5/1/2021
Peace Officer Bond	Insurors of Texas/ Hartford Insurance Group	46BSBAE6365	Peace Officer Bond	\$15,000	2/1/2020
			Deductible - None		2/1/2021
Travel Accident	Insurors of Texas/ Hartford Life	ETB-4333	Aggregate for Hazard	\$5,000,000	1/1/2019
			Excludes Personal Aircraft		12/31/2021
			Deductible - None		
Workers' Compensation	Texas Water Conservation Association	99	Self-insured for first	Aggregate Deduct	10/29/2019
			\$ 50,000 per occurrence	\$150,000	10/29/2020

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

	Full-Time Equivalent Employees Per Annual Operating Plan									
	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
<b>Upper Basin</b>										
Management	4	4	4	4	4	4	4	4	4	4
Possum Kingdom	45	44	44	42	44	48	48	51	51	53
SWATS (a)	0	0	0	0	0	0	0	0	18	18
Lake Granbury	18	17	17	15	15	15	15	15	14	12
<b>Central Basin</b>										
Management & Lab	24	27	28	24	24	24	25	24	25	23
Temple-Belton WWTP	13	13	13	16	16	17	10	10	10	10
Brushy Creek RWS	0	16	16	17	17	17	17	17	17	17
Georgetown WWTP (a)	0	0	0	0	0	0	8	8	8	8
Sandy Creek WTP	4	4	4	4	4	4	5	5	5	5
Hutto WWS	2	2	2	2	2	0	0	0	0	0
East Williamson RWS	7	8	8	6	6	6	6	6	5	5
<b>Lower Basin</b>										
Management	0	0	0	0	0	0	0	0	0	4
Lake Limestone	12	12	11	11	10	10	10	9	9	9
SLRSS	14	14	10	10	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	1	1	1	1
<b>Central Office</b>										
General Administration	3	2	2	2	2	3	3	3	4	4
Legal Services	4	4	4	4	4	4	4	4	4	4
Financial Services	15	15	15	15	15	15	15	17	17	17
Human Resources	5	5	5	5	5	5	4	4	4	4
Gov. Cus. Relations	7	6	6	7	7	7	7	7	7	7
Information Technology	13	14	14	14	14	14	13	13	12	12
Planning & Development	1	1	1	2	2	2	1	1	1	1
Strategic Planning	0	0	0	0	0	0	2	2	2	2
Security & Safety	4	0	0	0	0	0	0	0	0	0
Water Services	7	0	0	0	0	0	0	0	0	0
Environmental Services	18	0	0	0	0	0	0	0	0	0
Technical Services	22	47	47	46	43	41	41	40	40	42
	<u>246</u>	<u>259</u>	<u>255</u>	<u>250</u>	<u>248</u>	<u>250</u>	<u>253</u>	<u>255</u>	<u>272</u>	<u>276</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 cover – Aerial view of Lake Granbury and the DeCordova Bend Dam Constuction





**Brazos**  
River Authority

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