

RIVERBEND RESOLUTION NO. 20200826-01

ADOPTING THE FY 2019-2020 MEMBER ENTITIES' TRUE-UP AND FY 2020-2021 WHOLESALE WATER RATES AND FEES OF THE TEXARKANA WATER UTILITIES

WHEREAS, Riverbend Water Resources District is a conservation and reclamation district created under and essential to accomplish the purposes of Section 59 Article XVI, Texas Constitution, existing pursuant to and having the powers set forth in Chapter 9601 of the Special District Local Laws Code of the State of Texas; and

WHEREAS, Riverbend Water Resources District is charged with oversight of the annual True-Up conducted amongst and between the City of Texarkana, Texas and all Member Entities; and

WHEREAS, Texarkana Water Utilities conducted a review of its previous annual budget, calculated FY 2019-2020 water consumption calculations, and proposed an annual budget for FY 2020-2021 to be used in establishing the wholesale water rates; and

WHEREAS, Riverbend Water Resources District held an annual True-Up meeting on August 19, 2020 at 10:00 a.m. at the New Boston Community Center to discuss the True-Up Process and information provided by the City of Texarkana, Texas and its water department through Texarkana Water Utilities; and

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Riverbend Water Resources District hereby adopts the FY 2019-2020 Member Entities' True-Up and FY 2020-2021 wholesale water rates and fees of the Texarkana Water Utilities.

PASSED and APPROVED this 26th day of August 2020

Sonja Hubbard, President

ATTEST:

Marshall Wood, Secretary

Attached: 2019-2020 Member City Rate Calculation Packet provided by Texarkana Water Utilities

Member City Water Rate Calculation 2021

City of Texarkana, Texas Proposed Water Production Rate Assumptions 9/30/2021

Assumptions regarding the 2021 Water Rate:

- 1) The water rate is determined based on the adopted FY 2021 Water Department Budget.
- 2) The administration overhead rate has been calculated using 6.58% of total budget water production costs using the method approved effective with the FY 2018 budget billing.
- 3) The 2019 True up is not included in the actual water rate. Once the true up has been decided, it will be billed monthly as an amount on each individual Member City monthly billing.
- The infrastructure cost is not included in the actual water rate. Once the cost has been decided, it will be billed monthly as an amount on each individual Member City monthly billing.
- 5) The debt service cost is not included in the actual water rate. Once the cost has been decided, it will be billed monthly as an amount on each individual Member City monthly billing.
- 6) Monthly billings will use estimated gallons as projected in the current budget.
- 7) The water rate calculated for 2021 excludes the amount due to Riverbend. Each City will be responsible for remitting their amount directly to Riverbend.

CALCULATION OF OVERHEAD PERCENTAGE

From FY 2019 Audited Amounts

2019

	Amounts
Admin Divisions:	
Administration	545,897
Finance	426,965
Safety/Security	0
Engineering	157,098
GIS	79,751
Information Technology	13,090
Total Admin	1,222,801
Other Divisions:	
Customer Service	871,868
Water Production	4,389,996
Water Distribution	1,128,602
Sewer Collection	1,072,905
Wastewater	4,238,599
Environmental Services	322,491
Information Technology	984,412
Engineering	461,560
GIS	234,312
Composting	351,968
Operations Admin	269,252
Service Center	586,792
Water/Swr Constr	1,895,299
Field Services	555,940
Total Other	17,363,996
Total Expenses	18,586,797
Admin % of Total	6.58%

Total

Rounding Difference

18,586,796

1

CALCULATION OF OVERHEAD PERCENTAGE

From FY 2019 Audited Amounts

Engineering & GIS Divisions Allocation to OH:

Engineering-Division 7	10	618,658
GIS-Division 740		314,063
	Total	932,721

FY19 Capital Project Hours:			Division 710	Division 740	<u>Total</u>
WP & MW Projects	1,009	25.3933%	157,098	79,751	236,849
Other Projects	2,964	74.6067%	461,560	234,312	695,872
Total	3,973	100.0000%	618,658	314,063	932,721

997,502

Engineering

GIS

Information Technology (IT) Division Allocation to OH:

Information Tech- Division 230

FY19 IT Logged Workorde	r Hours:		Info Tech Division 230
Division 410	67	1.3026%	7
Division 420	1	0.0097%	
Total WP & MW	68	1.3123%	13,090
Other Utility Divisions Total	<u>5,095</u> 5,163	98.6877% 100.0000%	984,412 997,502

Texarkana Water Utilities

Combining Statement of Revenues, Expenses and Changes in Fund Net Position For the Year Ended September 30, 2019

	Texarkana, Arkansas Water Utilities	Texarkana, Arkansas Union Water Utilities	Texarkana, Arkansas Mandeville Water Utilities	Texarkana, Texas Water Utilities
Operating Revenues	4 5 34 44			0 (204 00/
Water sales	\$ 3,656,165	\$ 432,844	\$ 75,218	\$ 6,284,996
Wholesale water sales	60,480		1.7	2,190,011
Water connection fees	3,750	650	150	7,671
Sewer charges	3,806,657	12.17		6,585,754
Penalties and service charges	392,840	18,229	4,427	571,003
Other income	833,749	64		1,206,016
Total operating revenues	8,753,641	451,787	79,795	16,845,451
Operating Expenses				
Administrative	205,572			340,325
Finance	473,695	6,217	1,557	950,771
Customer service	324,511	36,426	9,166	547,357
Water production	1,374,302	79,210	20,547	3,015,694
Water distribution	443,808	10,297	4,423	684,794
Sewer collection	384,192	507	2	688,713
Wastewater treatment	1,512,274	-	-	2,726,325
Environmental service	118,090	-		204,401
Engineering design	210,997	0.50	11.0	407,661
Geographical information systems	116,744			197,319
Composting	131,045		-	220,923
Operations administration	100,491	-		168,761
Service center	350,864	W		235,928
Field service	207,225	23,310	5,832	348,715
Construction oversight	617,457	4,217	2,034	1,277,842
Depreciation	2,041,856	108,062	11,988	3,463,323
Other expenses	8,005	3,878	1,154	419,375
Contract water & sewer expense-International Paper				
Total operating expenses	8,621,128	272,124	56,701	15,898,227
Operating income (loss)	132,513	179,663	23,094	947,224
Nonoperating Revenues (Expense)				
Interest revenue - investments	89,683	4,456	282	321,740
Interest revenue - capital leases	85,114	3.5	-	7,804
Interest expense and paying agent fees	(614,183)	(44,292)	(6,231)	(105, 173)
Interest expense - capital leases				(85,114)
Gain (loss) on disposal of capital assets	(16,586)	(471)	(155)	(30,366)
Total nonoperating revenues (expenses)	(455,972)	(40,307)	(6,104)	108,891
Income before contributions and transfers	(323,459)	139,356	16,990	1,056,115
Transfers out	(609,087)		-	(18,900)
Change in net position	(932,546)	139,356	16,990	1,037,215
Total net position, beginning of year	41,484,987	974,953	176,351	67,565,019
Total net position, end of year	\$ 40,552,441	\$ 1,114,309	\$ 193,341	\$ 68,602,234

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8,621,128.00+
15,898,227.00+
2,041,856.00-
8,005.00-
3,463,323.00-
419,375.00-
006
18,586,796.00*
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		Actual 18-19	Budget 19-20	Revised 19-20	Budget 20-21	FY 20 FY 2: Chang
EXPENDITU	RES					1
Personal S		1,215,493	1,460,373	1,105,041	1,490,593	
Supplies	.,,,,,,,	1,035,472	1,001,935	935,008	1,011,800	
	Maintenance	110,120	214,930	226,225	213,475	
Contractua		640,199	772,554	733,770	746,274	
Capital Ou		0	0	0	0	
TOTAL		3,001,284	3,449,792	3,000,044	3,462,142	
PEDCONAL	PEDVICES					
PERSONAL S		145 220	102 475	120 202	174 420	
511100	Supervision	145,338	183,475	139,203	174,430	
511111	Management-Regular	24,107	26,487	24,770	24,335	
511113	Management-Incentive	1,838	1,838	1,838	1,838	
511211	Supervision-Reg Pay	110,658	150,150	106,235	143,257	
511212	Supervision-Overtime	8,735	5,000	6,360	5,000	
511214	Supervision-Standby	0	0	0	0	
511216	Supervision-Emergency/Dis	0	0	5,556	0	
511411	Maintenance & Oper	561,874	733,674	461,672	726,200	
511412	Overtime	90,699	43,000	60,000	43,000	
511414	Standby	0	0	0	0	
511415	Shift Differential	7,088	7,500	4,900	7,500	
511523	Payout-Comp Time	0	0	0	0	
511611	Temporary Labor	39,574	20,000	26,915	20,000	
511811	Stipend	0	0	0	0	
512111	Longevity	8,310	9,315	8,631	9,885	
512112	Group Insurance	123,235	177,125	137,075	182,537	
512114	Retirement	133,169	157,284	115,858	160,804	
512115	Social Security	60,771	74,699	51,592	76,241	
512116	Workmen's Comp	26,525	22,951	25,080	23,596	
512117	Unemployment	0	0	0	0	
512118	Employee Screening	198	250	200	200	
512121	Certification/License Pay	5,569	0	38,759	36,100	+*
512100	Education & Training	13,143	31,100	29,600	30,100	
512122	Training-Seminars & Other	40	5,000	5,000	5,000	
512123	Training-Licenses & Certifi	5,986	12,000	10,000	10,000	
512124	Travel	5,077	10,000	10,000	10,000	
512125	Books & Subscriptions	0	100	100	100	
512126	Dues	1,340	3,000	3,000	3,000	
512127	Licenses	700	1,000	1,500	2,000	
512128	Awards & Certificates	0	0	0	0	
519999	Salary & Ben Transfer	0	0	0	0	
TOTAL		1,215,493	1,460,373	1,105,041	1,490,593	+ 2.0
UPPLIES						
521100	Office Supplies	1,160	2,330	2,600	2,600	
521111	Paper	148	300	500	500	
521112	Writing Instruments	24	30	100	100	
		30.10	1000	2.00		

		Actual 18-19	Budget 19-20	Revised 19-20	Budget 20-21	FY 20 to FY 21 Change
521114	Other Off Sup & Exp	836	1,000	1,000	1,000	
521115	Minor Software	0	0	0	0	
521200	Operating Supplies	5,247	8,500	8,500	8,500	
521211	Consumable Items	3,437	6,000	6,000	6,000	
521212	Non Consumable Items	1,810	2,500	2,500	2,500	
521311	Botanical Supplies	0	200	0	0	
521400	Safety	24,953	25,400	35,517	25,400	
521411	Personal Protect Equip	1,961	4,000	4,000	4,000	
521413	Emergency Response Eq	0	500	500	500	
521415	Facilities Maintenance	22,742	20,000	30,000	20,000	
521416	Emergency/Disaster	0	0	117	0	
521417	Laboratory & Environ	250	300	300	300	
521418	Storage & Handling	0	100	100	100	
521419	Grounds Maintenance	0	500	500	500	
521700	Minor Tools	2,761	6,000	6,000	6,000	
521711	Electronic Tools	445	1,000	1,000	1,000	
521712	Hand Tools	1,204	3,000	3,000	3,000	
521713	Power Tools	1,112	2,000	2,000	2,000	
521713	Wearing Apparel	6,799	7,800	6,766	6,800	
521911	Uniform Cost	785	0	4,000	6,000	
521911	Uniform Maintenance	6,008	7,000	1,966	0,000	
521912	All Weather Gear	6	300	300	300	
521919		0	500	500		
	Other Wearing Apparel	2.006			500	
522300	Laundry & Janitorial	2,906	3,000	4,000	4,000	
522311	Laundry Service	1.000	2.000	2 000	2 000	
522312	Janitorial Service	1,922	2,000	2,000	2,000	
522313	Laundry & Jan Supplies	984	1,000	2,000	2,000	
522500	Lab & Photo Supplies	31,920	34,000	36,000	36,000	
522511	Lab Supplies	14,436	6,000	8,000	8,000	
522512	Lab Chemicals	15,991	25,000	25,000	25,000	
522513	Lab Equipment Repairs	1,493	3,000	3,000	3,000	
522521	Photo Supplies & Exp	0	7,577			
522700	Printing	690	1,000	2,000	2,000	
522711	Stationery					
522712	Billing Forms	0				
522713	Other Forms	690	500	1,500	1,500	
522719	Other	0	500	500	500	
522800	Chemicals - Plant	953,516	882,205	817,125	904,000	
522811	Activated Carbon					
522812	Anhydrous Ammonia	35,416	35,000	20,000	30,000	
522813	Calcium Hypochlorinate					
522815	Caustic Soda	489,032	425,000	400,000	425,000	
522816	Chlorine	54,530	64,080	54,000	64,000	
522817	Copper Sulphate					
522819	Hydrated Lime	0				
522821	Liquid Alum	278,029	258,125	258,125	300,000	16.22%
522822	Polymer	5,934	0			
522823	Potassium Permanganate	1000				
522824	Sodium Chlorite	44,981	80,000	60,000	60,000 -	25.00%

		Actual 18-19	Budget 19-20	Revised 19-20	Budget 20-21	FY 20 to FY 21 Change
522826	Zinc Ortho Phosphate	28,351	20,000	25,000	25,000	25.00%
522827	Sodium Hydroxide					
522839	Other	17,243	0			
522900	Chemicals - Lake	5,520	31,500	16,500	16,500	
522914	Carbon	5,520	30,000	15,000	15,000	
522916	Chlorine	0	1000 P 2500001			
522917	Copper Sulphate	0	1,500	1,500	1,500	
522939	Other	0	0	A SAME BY		
TOTAL		1,035,472	1,001,935	935,008	1,011,800	0.98%
EPAIRS & 1	MAINTENANCE					
531111	Office Machines & Eq	0	0	0	0	
531200	Motor Vehicles	20,932	24,700	24,700	24,700	
531211	Antifreeze	22	100	100	100	
531212	Batteries	143	400	400	400	
531213	Filters	256	300	300	300	
531214	Fuel	17,392	18,000	18,000	18,000	
531215	Lubricates	218	500	500	500	
531216	Parts	2,821	1,500	1,500	1,500	
531217	Tires	0	2,000	2,000	2,000	
531218	Labor	66	100	100	100	
531219	Subcontracts	0	1,500	1,500	1,500	
531221	Towing		242.000	10.55	0.580.0	
531239	Repairs Other	14	300	300	300	
531700	Machinery & Equip	6,404	10,500	10,500	10,500	
531711	Antifreeze		100	100	100	
531712	Batteries	111	200	200	200	
531713	Filters	0	200	200	200	
531714	Fuel	2,329	1,500	1,500	1,500	
531715	Lubricates	2,922	6,000	6,000	6,000	
531716	Parts	1,042	1,500	1,500	1,500	
531717	Tires	0	500	500	500	
531718	Labor	0	500	500	500	
531719	Subcontracts	0) and the second	
531739	Repairs Other	0				
531800	Signal Equipment	70	3,500	500	2,250	
531811	Radios	0	500	0	250	
531812	Telemetry	70	3,000	500	2,000	
532100	Building	283	9,000	9,000	9,500	
532111	Heating & Cooling	0	4,500	4,500	4,500	
532112	Other Building	283	3,000	3,000	3,500	
532113	Grounds & Parking Lots	0	1,500	1,500	1,500	
533100	Water Treatment Equip	63,193	112,000	112,000	112,000	
533111	Intake	5,759	22,000	22,000	22,000	
533112	Plant	54,191	70,000	70,000	70,000	
533113	Booster Stations	3,243	20,000	20,000	20,000	
533200	Water Transmission Mains	22,858	29,000	29,000	29,000	
533211	Raw Water Mains	0	4,000	4,000	4,000	
555211	Navy Water Mails	U	5,000	7,000	7,000	

		Actual 18-19	Budget 19-20	Revised	Budget 20-21	FY 20 to FY 21 Change
533213	Member Cities Mains	18,551	20,000	20,000	20,000	
533500	Fire Hydrants	0	0	0	0	
533511	Fire Hydrants	- Thing				
533512	Fire Hydrants-LTWSC					
533600	Tanks & Reservoirs	1,855	30,000	45,000	30,000	
533611	MC Tanks & Reservoirs	1,260	15,000	15,000	15,000	
533612	Other Tanks & Reserv	595	15,000	30,000	15,000	
534100	Sewer Equipment R & M	0	1,000	1,000	1,000	
534121	Sewer Instrument R&M	0	1,000	1,000	1,000	
533711	Sludge Pond Maintenance		-,	- 4-1	.,,	
539998	Equipment Utilization	0	0	0	0	
539999	Equipment Apportionment	(5,475)	(4,770)	(5,475)	(5,475)	
TOTAL		110,120	214,930	226,225	213,475	0.68
A INCOME		,				
	UAL SERVICES		Slav S	25.5	(A) 950	
541111	Accounting & Audit	5,747	5,700	5,700	5,800	
541311	Communications	8,276	11,000	8,500	9,000	
541700	Rentals	1,718	4,000	5,000	4,000	
541711	Equipment Rental	1,718	4,000	5,000	4,000	
541712	Building Rental					
541900	Fees and Permits	51,737	52,000	51,737	52,000	
541911	Water System Serv Fee	51,737	52,000	51,737	52,000	
541912	Water System Permits					
541919	Other Fees & Permits					
541931	Fines & Penalties					
542411	Freight Charges					
543111	Garbage Hauling	2,455	2,100	2,580	2,600	
543400	Insurance	44,431	45,000	45,053	46,275	
543411	Property Insurance	35,469	36,000	37,269	37,275	
543412	Liability Insurance	4,452	4,475	3,690	4,475	
543413	Automotive Insurance	4,510	4,525	4,094	4,525	
543600	Laboratory Services	10,960	14,775	14,775	14,775	
543611	State Lab Fees	755	775	775	775	
543612	Commercial Lab Fees	10,205	13,000	13,000	13,000	
543613	Comm Lab Fees-Other	0	1,000	1,000	1,000	
543900	Legal	0	0	0	0	
543911	Legal Advertising			TOPPOS		
543913	Attorney Fees					
544100	Maintenance Contracts	6,615	12,616	12,936	12,936	
544111	Computer					
544112	Software	4,711	7,500	7,500	7,500	
544113	Internet Service	1,673	1,680	2,000	2,000	
544119	Other Maint Contract	231	3,436	3,436	3,436	
544900	Postage	385	1,625	1,625	1,625	
544911	Postage	0	125	125	125	
544912	Special Delivery	385	1,500	1,500	1,500	
545200	Power Purchases	302,647	359,550	359,550	359,550	
545211	Electrical	295,412	351,000	351,000	351,000	
545212	Gas	7,235	8,550	8,550	8,550	

		Actual 18-19	Budget 19-20	Revised 19-20	Budget 20-21	FY 20 to FY 21 Change
545511	Power Purchases - Lake	204,458	245,000	225,000	235,000	
545700	Special Services	157	18,575	701	2,100	
545711	One Call Services	100				
545712	Pest Control		200	600	600	
545719	Other Special Services	157	18,375	101	1,500	
546311	Water Rights	613	613	613	613	
TOTAL		640,199	772,554	733,770	746,274 -	3.40%
PITAL O	JTLAY					
551114	Machinery & Equipment	0	0	0	0	
551115	Communications Equip	0	0	0	0	
	3.500	0	0	0	0	
TOTAL						

Pay C	Out - Annual Leave	2,638
Pay C	Out - Post Ret Ins	271
Pay C	Out - Sick Leave	1,205
Accru	ued Payroll	(31,387)
Accru	ued Vacation and Sick	3,840
Accru	ued Temporary Labor	90
Accru	ued Office Supplies & Expense	1
Accru	ued Operating Supplies	1
Accru	ued Safety	(1)
Accru	ued Wearing Apparel	262
Accru	ued Laundry & Janitorial	106
Accru	ued Chemicals	1
Accru	ued Garbage Hauling	184
Accru	ued Power Purchases- Plant	6,233
Accru	ued Power Purchases- Lake	24,709
		8,152
Reconciliation:		
Total	Actual Exp Above for 18-19	3,001,284
	tional Expenses for 18-19	8,152
		3,009,436
Balan	ice on 2019 True Up Detail (pg 27)	3,009,438
	rence (Rounding)	(2)

		Actual 18-19	Budget 19-20	Revised 19-20	Budget 20-21	FY 20 t FY 21 Chang
EXPENDITU	RES					
Personal S		357,303	377,807	529,390	375,205	
Supplies	77777	362,777	272,575	443,782	423,475	
	Maintenance	53,632	108,450	65,650	63,150	
Contractua		688,491	714,045	800,537	719,275	
Capital Ou		0	0	0	0	
TOTAL		1,462,203	1,472,877	1,839,359	1,581,105	
PERSONAL S	SERVICES					
511200	Supervision	46,562	55,692	69,472	55,565	
511111	Management-Regular	24,255	24,387	24,099	24,335	
511113	Management-Incentive	1,838	1,838	1,838	1,838	
511211	Supervision-Regular	20,361	28,967	40,705	28,892	
511212	Supervision-Overtime	108	500	2,830	500	
511214	Supervision-Standby	0	0	0	0	
511411	Maintenance & Oper	167,109	204,614	222,431	180,601	- 11.749
511412	Overtime	36,773	5,000	26,240	5,000	11111
511415	Shift Differential	531	500	3,818	500	
511416	Emergency/Disaster	0	0	46,527	0	
511523	Payout- Comp Time	0	0	0	0	
511611	Temporary Labor	0	0	672	0	
511811	Stipend	0	0	0	0	
512111	Longevity	4,890	4,440	5,091	4,620	
512111	Group Insurance	32,150	33,860	48,002	36,010	
512112	Retirement	42,073	43,729	52,721	43,185	
512114	Social Security	19,251	20,768	25,019	20,475	
512116	Workmen's Comp	1,958	2,654	2,448	2,649	
512118	Employee Screening	170	50	2,448	2,049	
512118	Certification/License Pay	3,146	0	20,449	20,100	+ *
512121	Education & Training	2,690	6,500	6,500	6,500	1
512122	Training-Seminars & Other	2,090	0,500	0,500	0,500	
512122	Training-Licenses & Certifi	1,835	3,000	3,000	3,000	
512123	Travel	234	2,000	2,000	2,000	
	Books & Subscriptions	234	2,000	2,000	2,000	
		300	1.000	1.000	1 000	
			175,000			
	Awards & Certificates	321	300	300	300	
		0	0	0	0	
	Salary & Belletti Transici					- 0.69%
512124 512125 512126 512127 512128 519999 TOTAL	Books & Subso Dues Licenses	ificates	riptions 300 321 ifficates	300 1,000 321 500 ifficates Transfer 0 0	300 1,000 1,000 321 500 500 ifficates Transfer 0 0 0	300 1,000 1,000 1,000 321 500 500 500 ifficates Transfer 0 0 0 0 0
Office	lumplies	64	425	425	425	
521100 521111	Office Supplies Paper	0	50	50	50	
521111	Writing Instruments	0	25	25	25	

		Actual 18-19	Budget 19-20	Revised 19-20	Budget 20-21	FY 20 to FY 21 Change
521113	3 Computer Supplies	0	200	200	200	
521114	4 Other	64	150	150	150	
521113	5 Minor Software Lic	0	0	0	0	
521200	Operating Supplies	2,143	2,500	2,500	2,500	
52121		1,226	2,000	2,000	2,000	
521212	Non Consumable Items	917	500	500	500	
52131	1 Botanical Supplies	0	0	0	0	
521400		23,286	8,800	7,800	7,800	
52141		622	1,000	0	0	
521413		0	300	300	300	
521415		22,664	7,000	7,000	7,000	
521417					143310	
521418						
521419		0	500	500	500	
521700		1,887	1,500	1,000	1,000	
521711				.,,,,,		
521712		1,873	1,000	500	500	
521713		14	500	500	500	
521900		1,733	2,050	2,357	2,050	
52191			2,000	2,000	2,000	
521912		1,733	2,000	307	0	
521913		0	50	50	50	
521919			30	50	30	
522300	E 11	869	1,900	1,900	1,900	
522311			1,700	1,500	1,500	
522312		645	1,500	1,500	1,500	
522313		224	400	400	400	
522500		3,504	5,000	5,000	5,000	
522511		1,706	2,000	2,000	2,000	
522512		1,798	2,000	2,000	2,000	
522513		1,770	1,000	1,000	1,000	
522521			1,000	1,000	1,000	
522700		328	400	800	800	
522711		320	400	800	800	
522712						
522713						
522719		328	400	800	800	
522800		328,963	250,000	422,000	402,000	+ 60.80%
522811		320,903	250,000	422,000	402,000	+ 00.00 /0
		11,404	15,000	15,000	15 000	
522812	50	11,404	13,000	13,000	15,000	
522813		162 441	100 000	100 000	100 000	1 00 000/
522815		163,441	100,000	180,000	180,000	
522816		23,534	25,000	37,000	37,000	+ 48.00%
522817		0	0	0	0	
522819		0	0	0	140,000	. ## 000/
522821	Liquid Alum	115,762	80,000	160,000	140,000	+ 75.00%

		Actual 18-19	Budget 19-20	Revised 19-20	Budget 20-21	FY 20 FY 3 Chai
522822	Polymer	2,904				
522823	Potassium Permanganate					
522824	Sodium Chlorite					
522826	Zinc Ortho Phosphate	11,081	20,000	20,000	20,000	
522839	Other Chemicals	837	10,000	10,000	10,000	
522914	Chemicals-Carbon					
TOTAL		362,777	272,575	443,782	423,475	+ 55.36
PAIRS &	MAINTENANCE					
531111	Office Machines & Eq					
531200	Motor Vehicles	2,124	3,175	3,175	3,175	
531211	Antifreeze	3	50	50	50	
531212	Batteries		100	100	100	
531213	Filters	24	50	50	50	
531214	Fuel	1,927	2,000	2,000	2,000	
531215	Lubricates	27	100	100	100	
531216	Parts	143	75	75	75	
531217	Tires	0	800	800	800	
531218	Labor		000		000	
531219	Subcontract	0				
531239	Other	0	0	0	0	
531700	Machinery & Equip	9,020	18,775	17,975	17,975	
531711	Antifreeze	0	50	50	50	
531712	Batteries	0	200	400	400	
531713	Filters	0	25	25	25	
531714	Fuel	4,980	10,000	10,000	10,000	
531715	Lubricates	312	500	500	500	
531716	Parts	1,411	5,000	4,000	4,000	
531717	Tires	334	500	500	500	
531718	Labor	1,983	2,500	2,500	2,500	
531719	Subcontract		7.00			
531739	Other					
531800	Signal Equipment	418	3,500	3,500	500	
531811	Radios				- Helding - de	
531812	Telemetry	418	3,500	3,500	500	
532100	Building	760	5,000	5,000	5,000	
532111	Heating & Cooling	0	2,000	2,000	2,000	
532112	Other Building	760	3,000	3,000	3,000	
532113	Grounds & Parking Lots		- 3000		23000	
533100	Water Treatment Equip	36,445	65,000	30,000	30,000	
533111	Intake	0	15,000	0	0	
533111	Plant	23,005	30,000	30,000	30,000	
533113	Booster Station	13,440	20,000	0	0	
533200	Water Transmission Mains	3,490	5,000	5,000	5,000	
533211	Raw Water Mains	0	-,000	0	0	
	Treated Water Mains	3,490	5,000	5,000		

		Actual 18-19	Budget 19-20	Revised 19-20	Budget 20-21	FY 20 FY 21 Chang
533213	Member Cities Mains			All and the		
533600	Tanks & Reservoirs	1,375	8,000	1,000	1,500	
533611	MC Tanks & Reservoirs		Secret.	HEREN	THE PARTY OF	
533612	Other Tanks & Reserv	1,375	8,000	1,000	1,500	
533711	Sludge Pond Maintenance	0	0	0	0	
539998	Equipment Utilization	0	0	0	0	
TOTAL		53,632	108,450	65,650	63,150	- 41.77
NTRACTU	AL SERVICES					
541111	Accounting & Audit	2,534	2,300	2,300	2,400	
541311	Communications	8,879	9,500	10,646	10,700	
541700	Rentals	2,017	2,000	2,000	2,000	
541711	Equipment Rental	2,017	2,000	2,000	2,000	
541712	Building Rental	2000	-2		-2	
541900	Fees and Permits	45,344	47,160	47,160	47,160	
541911	Water System Serv Fee	44,444	45,760	45,760	45,760	
541912	Water System Permits	0	400	400	400	
541919	Other Fees & Permits	900	1,000	1,000	1,000	
541923	Wastewater Permit	9115	7,70	7,557	-,,,,,	
541931	Fines & Penalties					
543400	Insurance	14,022	14,070	14,803	14,815	
543411	Property Insurance	12,862	12,900	13,515	13,520	
543412	Liability Insurance	763	770	918	920	
543413	Automotive Insurance	397	400	370	375	
543600	Laboratory Services	92	500	500	500	
543611	State Lab Fees		200	200	200	
543612	Comm Lab Fees-POTW	92	500	500	500	
543613	Comm Lab Fees-Other	44	500	200	200	
544100	Maintenance Contracts	456	785	1,000	1,000	
544111	Computer			1,000	1,000	
544112	Software					
544113	Internet Service	456	785	1,000	1,000	
544119	Other Equipment	1977	0	0	0	
544911	Postage	0	0	0	0	
544912	Special Delivery Service	60	30	0	0	
545200	Power Purchases	193,497	195,000	283,000	195,000	
545211	Electrical	193,497	195,000	283,000	195,000	
545212	Gas	34.29.14.1	1,0,000	205,000	175,000	
545700	Special Services	15	700	700	700	
545711	One Call Services		, , ,	, 00	700	
545712	Pest Control		300	300	300	
545719	Other Special Services	15	400	400	400	
546311	Water Rights	157,940	170,000	165,000	170,000	
546312	Water Rights-10MG	263,635	272,000	273,428	275,000	100%
TOTAL		688,491	714,045	800,537	719,275	.00707

		Actual 18-19	Budget 19-20	Revised 19-20	Budget 20-21	FY 20 to FY 21 Change
	Less: Water Rights - 10MG (100% Arkansas)	(263,635)	(272,000)	(273,428)	(275,000)	l
		424,856	442,045	527,109	444,275	+ 0.50%
APITAL O	JTLAY					
551111	Office Furn & Equipment					
551114	Machinery & Equipment					
	그는 네트 등이 그렇게 가게 되어 있다. 그 작가는 사람이 되는 가장 하는 것이 되었다.					
551114	Machinery & Equipment	0	0	0	0	

100% Arkansas 1,306,105

18-19 Actual Exp not included on budget she	et above:
Accrued Payroll	(10,630)
Accrued Vacation and Sick	18,236
Accrued Water Treatment	(13,440)
Accrued Communication Exp	153
Accrued Wearing Apparel	102
Accrued Janitorial Service	74
Accrued Chemicals	1,835
Accrued Power Purchases	8,347
	4,678
Reconciliation:	
Total Actual Exp Above for 18-19	1,198,568
Additional Expenses for 18-19	4,678
	1,203,246
Balance on 2019 True Up Detail (pg 27)	1,203,243
Difference (Rounding)	3

MEMBER CITIES BILLING

WRIGHT PATMAN SLUDGE PROCESSING COST FY 2021 ESTIMATED

Composting Costs:			
Composting Costs. Compost Division Budget Expenses (580):			
Personal Services	200,360		
Supplies	11,715		
Repairs & Maintenance	134,540		
Contractual Services	18,840		
Capital Outlays	0		
Total Division Expenses	365,455		
Other Labor & Benefits (530):			
Operator II (1300 Bldg)	39,463		
Plant Mechanic I (1/2)	15,835		
Total Other Labor	55,298		
Total Other Labor	33,296		
Benefit Percentage X	60.72%		
Total Benefit Cost	33,577		
Total Other Labor & Benefits	88,875		
Total Composting & Other Labor Costs	454,330		
Amount Attributable to Water Treatment			
Plant Sludge (TSS):			
Wright Patman Solids (Metric Tons)	718.200		
South Regional Influent Solids (Metric Tons)	1,946.170		
Water Treatment TSS Ratio		36.90325%	
Total Applicable Compost Costs			167,662
Sludge Chemical Costs:			
Total Cost of Polymer		100,700	
Water Treatment TSS Ratio		36.90325%	
Total Sludge Chemical Costs			37,162
Transportation Costs:			
200 Site Pumping Costs (Electrical)		115,224	
Amount Attributable to Water Treatment Plant Waste:			
Wright Patman Gallons Wasted (Mil Gallons)	163.568		
South Regional Influent Flows (Mil Gallons)	3,275.400		
Water Treatment Plant Volume Ratio	_	4.99383%	
Total Transportation Costs		=	5,754
Total Estimated Sludge Processing Costs Applicable to Water	Plant		210,578
Less Compost Sales:			
Total Compost Sales (Estimated)		70,105	
Water Treatment TSS Ratio		36.90325%	
Sales Applicable to Water Treatment Plant Sludge		Ţ <u>-</u>	(25,871)
Net Sludge Processing Costs Applicable to Water Plant			184,707

Millwood Water Treatment Plant Depreciation Fund

		Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE		1,394,369	669,848	729,991	1,092,343
REVENUE					
Transfer from Revenues		386,505	486,000	486,000	486,000
Plans/Specs/Misc		1,475	0	0	0
Interest Income	- 4	8,348	8,182	8,352	8,185
TOTAL REVENUE	-	396,328	494,182	494,352	494,185
TOTAL FUNDS AVAILABLE	-	1,790,697	1,164,030	1,224,343	1,586,528
EXPENDITURES					
Paint Bridge Pipework	A/T131901	97,586			
Storage Building	A/T131202		20,000	0	
Sludge Pond Cleaning- 2019	A/T131803	212,157	4573047		
Replace Valves- Filters 5 & 6	A/T131805	298,853			
Replace Gate Actuator	A/T131806				
Repair High Service Pump	A/T131807	46,200			
Basin Lining (1)	A/T132008	370,845	375,000	0	400,000
High Service Pump Building Heat Unit	A/T131902	4,668			
Clearwell Mixer	A/T131903	9,851			
#3 High Service Ball Valve/Actuator	A/T131904	11,778			
Surface Wash Nozzle Replacement	A/T131905	8,768			
Replace Security Cameras	A/T132001	347.44.3	7,000	7,000	
Replace Valves- Filters 7 & 8	A/T132003		300,000	0	260,000
Low Service Control Panel Replacement	A/T132004		75,000	75,000	
Repair High Service Pump/Motor/Actuator	A/T132005		95,000	0	
SCADA Upgrade	A/T132006		60,000	0	50,000
Mixer Gearbox Repair	A/T132007		10,000	10,000	
Repair Primary Disconnect	A/T132009		15,000	15,000	
Emergency Low Svc Pump Motor Repairs	A/T132010		0	25,000	
Sludge Pond Cleaning (only 2)- 2021					175,000
Generator Load Bank Test/Fluid Change					35,000
Flash Mixer					12,000
Chemical Bldg Roof Replacement					100,000
Automatic Transfer Switch					200,000
Low Service Repair/Rebuild					65,000
High Service Repair/Rebuild					100,000
Chlorine Analyzer					4,800
TOTAL EXPENDITURES		1,060,705	957,000	132,000	1,401,800
ENDING BALANCE	-	729,991	207,030	1,092,343	184,728
Transfers from Revenue:		62.81%	63.22%	63.22%	63.14%
Arkansas Share		55,785	55,170	55,170	55,290
Additional Contribution-Arkansas		0	0	0	00,200
Arkansas Total		55,785	55,170	55,170	55,290
Texas Share		94,215	94,830	94,830	94,710
Additional Contribution-Texas		236,505	336,000	336,000	336,000
Texas Total		330,720	430,830	430,830	430,710
Total	-	386,505	486,000	486,000	486,000
Ending Balances:					
Ending Balances: Arkansas		516,480	205,128	526,389	68.198
		516,480 213,512	205,128 1,902	526,389 565,955	68,198 116,530

LTWSC Capital Improvement Fund

		Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
BEGINNING BALANCE		594,512	776,393	864,606	118,624
REVENUE					
Member Cities		60,802	56,932	56,932	82,358
Transfers from Arkansas		181,933	168,478	168,478	244,250
Transfers from Texas		307,266	289,590	289,590	418,392
Other Transfers from Arkansas		307,200	203,550	203,330	410,002
Other Transfers from Texas		77,384			
CD Funds Transfer From Texas		275,000			
Interest Income		24,041	13,700	9,562	7,650
Insurance Proceeds		24,041	13,700	3,302	7,000
Miscellaneous		1,412	600	600	600
TOTAL REVENUE		927,838	529,300	525,162	753,250
TOTAL FUNDS AVAILABLE		1,522,350	1,305,693	1,389,768	871,874
EXPENDITURES					
그렇게 맞아 하는 나는 사람들이 되었다. 그렇게 하는 사람들이 되었다.	L121707	196			
TCEQ Item: Filter Troughs	L121710	196			
TCEQ Item: Basin Lining (1 Basin)	L121711	409	215,000	297,537	
Upgrade SCADA System	L121801	8,978			
	L121805	97,125	0	62,569	
Replace 2nd Ammonia Pipe Stinger	L121806	4,746			
High Service #5 Pump Bowl	L121807		0	6,475	
Filter Effluent Valve and Mag Meter	L121814	29,995			
Filter Control for #3, #5. #6 & #7 Filters	L121816	2,749			
Settled Water Mixing Chamber	L121817	553	0	19,515	
Rate of Flow Venturies for 4 Filter Effluent Lines-Raw	L121901	16,423	49,000	10,147	
#2 Influent Valve/Actuator	L121902	14,458	17,000	0	
East Alum Pump Replacement	L121903	4,205			
#1 Intake Pump/Gate & Ball Valves/Actuator, Piping	L121904	17,232			
East Basin Sludge Rakes	L121905	44,433			
Chlorine Dioxide Enclosure/Leak Detection	L121906	17,500			
Pump and Motor Rebuild	L121907	104,630	80,000	44,947	
Surface Wash Arms/Bearings/Nozzle	L121908	47,148			
	L121915	179,519			
Low Service Pump #4 VFD- Emergency Replacemt	L121917	64,209			
Replace Gate Access Controller	L121918	3,042			
Replace Pump Room Flooring	L122001		16,000	0	
PC Replacements (6) & iPads (2)	L122002		8,200	2,673	
Replace Security Cameras	L122003		7,000	0	
MCC Control Panel Replacement in Lime Bldg	L122004		373,000	0	
	L122005		75,000	0	
	L122006		0	517,069	
	L122007		10,000	10,000	
40. TUTO TELEFORE THE 60. TO SEE A TO SEE THE TO SEE THE SEE OF SEE THE SEE T	L122008		6,000	6,000	
	L122009		50,000	0	
SCADA Upgrades-All Sites	L122010		45,000	45,000	
	L122011		15,000	9,215	
	L122012		15,000	0	
	L122013		30,000	48,627	
Replace 1/2 Ton Truck	LIZZOIO				
	L122014		60,000	0	
I-30 Valve					

LTWSC Capital Improvement Fund

		Actual FY 2019	Proposed FY 2020	Revised FY 2020	Proposed FY 2021
Gate Opener for Back Gate	L122017		0	3,525	
Low Service Power Upgrade	L122018		30,000	30,000	
300K Gallon Standpipe Painting-Avery	L122019		0	77,836	
AC/ Insulation at Low Service	L122020		0	43,663	
Plant Drainage Ditch Clearing	L122021		0	26,766	
Portable Tank Mixer	L122022		0	9,580	
Line Settling Basin #2					270,000
MCC Control Panel Replacement (incl engineer	ering)				420,000
SCADA Upgrade-Patman					50,000
Influent Valve & Actuator					35,000
Rebuild Raw Pump					95,000
TOTAL EXPENDITURES		657,744	1,239,200	1,271,144	870,000
ENDING BALANCE		864,606	66,493	118,624	1,874

TREATED WATER BY PLANT (000's) FYE 9/30/20

	Wright Patman	Millwood	Total	
JUL 2019	245,625	288,432	534,057	
AUG 2019	378,618	247,747	626,365	
SEP 2019	380,821	240,445	621,266	
OCT 2019	393,585	164,718	558,303	
NOV 2019	345,771	86,561	432,332	
DEC 2019	123,109	309,389	432,498	
JAN 2020	304,835	105,616	410,451	
FEB 2020	314,445	74,004	388,449	
MAR 2020	16,764	421,968	438,732	
APR 2020		450,148	450,148	
MAY 2020		469,533	469,533	
JUN 2020	207,065	306,249	513,314	
				MW %
Total Gallons-Prior 12 Mos.	2,710,638	3,164,810	5,875,448	53.86%
Projected FY20 Ending Plant Usage	4,079,407	1,796,041	* 5,875,448	30.57%

^{*}Used 4 Year Average of MW Usage Instead of Projected FY20 Actual %

1	Illiwood Plant Usage:
	Revised Estimated FY20 (4
	Estimated FY20

Revised Estimated FY20 (4yr Ave)	30.57%
Estimated FY20	32.46%
FY19 Actual	27.15%
FY18 Actual	24.52%
FY17 Actual	29.61%
FY16 Actual	41.00%

FY20 Estimated Consumption (1000 Gallons) Oct 2019- Jun 2020 (with Jul- Sept 2020 Estimated)

				Estimate	Estimated based on July-Sept 2019	2019		
	OCT/ APR	NOV/ MAY	DEC/ JUN	JAN/ JUL	FEB/ AUG	MAR/ SEP	YTD	% OF TOTAL
Oak Grove, TX	2106.280 1548.630	2748.600 1763.550	1428.530 2358.710	1410.040 2738.450	1004.960 2993.280	2107.320 2430.710	24639.060	0.4194%
Redwater, TX	9864.850 13453.200	9904.750	8440.350 12789.150	8100.900 14551.200	8086.600	8500.400 13234.650	133904.150	2.2790%
Central Bowie County	23018.930	24004.550 17668.475	17858.260 18326.079	17850.160 23060.550	17130.790 30282.830	19099.481 22811.940	251033.067	4.2726%
Nash, TX	8852.000 7529.000	7957.000 6737.000	7110.000 7967.000	6744.000	6422.000 13201.000	7122.000 9045.000	99321.000	1.6904%
Macedonia Eylau	13463.800 14345.326	15584.751 13609.099	13087.658 17267.195	12777.177 16163.236	12209.708 19229.686	13510.795 15867.975	177116.406	3.0145%
Red River County	0.000	0.000	0.000	0.000	0.000	0.000	666.000	0.0113%
Day & Zimmerman	210.000 530.000	520.000 200.000	640.000	920.000	1040.000	500.000 970.000	7660.000	0.1304%
Leary, TX	1698.460 1798.440	2045.900 1644.360	1701.910 2174.653	1662.940 2047.560	1555.750 2103.660	1617.270 1927.980	21978.883	0.3741%
Mandeville, AR	3624.288 3283.514	1911.848 3742.096	2601.410 2722.033	2410.596 2602.048	1997.342 3089.706	2186.161 3329.370	33500.412	0.5702%
Union Water	9756.718 9486.280	7324.545 11473.891	9405.712 10431.711	9125.469 9516.589	8849.154 11534.034	8587.074 12428.712	117919.889	2.0070%
MCPWA	7675.000 2650.000	3750.000 2710.000	3555.000 4030.000	4290.000 4960.000	4110.000	3420.000 5560.000	54680.000	0.9307%
RWRD-TAC East	2348.000 2420.000	2158.000 2244.000	2584.000 1878.000	2546.000 2143.410	2467.000 1535.550	2716.000 1808.000	26847.960	0.4570%
Total Wholesale	82618.326 76965.412	77909.944 71792.981	68412.830 81044.541	67837.282 89453.353	64873.974 109577.346	69366.501 89414.337	949266.827	
New Boston, TX	32746.410 27366.530	32273.650 23311.600	26400.960 31859.030	25774.610 30624.650	23894.580 35383.680	28000.940 29808.110	347444.750	5.9135%
Hooks, TX	17728.230 13102.010	16624.610 10440.370	14089.030 13563.420	13387.990 14202.210	11365.060 17074.350	11159.140 14596.480	167332.900	2.8480%
DeKalb, TX	6928.000 7331.000	6165.000 6234.000	5210.000 8159.000	4865.000 6749.000	4823.000 8140.000	6383.000 6361.000	77348.000	1.3165%
Wake Village, TX	14471.000	13313.000 11734.000	10921.000 14834.000	10389.000 19276.000	10495.000 20769.000	11803.000 15707.000	166044.000	2.8261%
Maud, TX	4667.000 4206.000	5596.000 4189.000	3608.000 4540.000	3431.000 3816.000	3203.000 4975.000	3286.000 4146.000	49663.000	0.8453%
Avery, TX	1422.900	2281.800	1610.600	1368.400	1307.300	1476.900		

FY20 Estimated Consumption (1000 Gallons) Oct 2019- Jun 2020 (with Jul- Sept 2020 Estimated)

				Estima	Estimated based on July- Sept 2019	2019		
	OCT/ APR	NOV/ MAY	DEC/ JUN	JAN/ JUL	FEB/ AUG	MAR/ SEP	ξ	% OF TOTAL
	1415,400	1226,500	1447.200	1472.100	1591.600	1627.200	18247.900	0.3106%
Annona, TX	746.317 583.942	669.463 485.305	523.878 634.849	443.776 763.402	472.183 542.081	577.344 563.930	7006.470	0.1192%
RWRD- (RRAD)	23476.184 16064.250	21015.890 17539.998	17979.624 19291.486	16130.208 24881.256	16811.760 22338.598	16742.438 21577.850	233849.542	3.9801%
Total Member Cities & RWRD	102186.041 82401.132	97939.413 75160.773	80343.092 94328.985	75789.984 101784.618	72371.883 110814.309	79428.762 94387.570	1066936.562	
Total Wholesale, Member Cities & RWRD	184804.367 159366.544	175849.357 146953.754	148755.922 175373.526	143627.266 191237.971	137245.857 220391.655	148795.263 183801.907	2016203.389	
Texarkana, AR	134485.553 112492.451	91509.384 127968.995	105742.465 140274.077	103380.602 131301.381	95789.363 155619.660	119906.598 167690.845	1486161.374	25.2944%
Texarkana, TX	239013.080 178289.005	164973.259 194610.251	177999.613 197666.397	163443.132 211517.648	155413.780 250353.685	170030.139 269773.248	2373083.237	40.3898%
Total Texarkana	373498.633 290781.456	256482.643 322579.246	283742.078 337940.474	266823.734 342819.029	251203.143 405973.345	289936.737 437464.093	3859244.611	
Total All	558303.000 450148.000	432332.000 469533.000	432498.000 513314.000	410451.000 534057.000	388449.000 626365.000	438732.000 621266.000	5875448.000	100.0001%

City of Texarkana, Texas Proposed Water Production Rate By Plant

9/30/2021

			LWI			IVIVV	Iotai
Estimated Cost Per 1,000 Gal			0.9528 LWP			0.8789 MW	0.9302 Total
Estimated Gallons By Plant			4,079,407			1,796,041	5,875,448
Total Water Production Cost	3,689,951	196,861	3,886,812	1,392,047	186,515	1,578,562	5,465,373
Administration Costs 6.58%	227,809	12,154	239,963	85,942	11,515	97,457	337,419
Subtotal	- 4	184,707	184,707		175,000	175,000	359,707
Composting Revenue		(25,871)	(25,871)			-	(25,871
Sludge Chemical/Transp Cost		42,916	42,916		-	+	42,916
Sludge Costs		167,662	167,662		175,000	175,000	342,662
Subtotal	3,462,142	-	3,462,142	1,306,105	-	1,306,105	4,768,247
Contractual Services	746,274		746,274	444,275		444,275	1,190,549
Repairs & Maintenance	213,475		213,475	63,150		63,150	276,625
Supplies	1,011,800		1,011,800	423,475		423,475	1,435,275
EXPENDITURES Personnel Services	1,490,593		1,490,593	375,205		375,205	1,865,798
	Division 410	Sludge-WP	<u>Total LWP</u>	Division 420	Sludge-MW	<u>Total MW</u>	Total Blended

City of Texarkana, Texas Proposed Water Production Rate 9/30/2021

Water Production	Amount As Budgeted	
(both lakes)	2021	
Total Gallons	5,875,448 (in thousands)	
* Total Cost	5,465,373	
Water Rate	0.9302 (per thousand)	-0.93% Decrease
Prior Year Water Rate	0.9389	

- * The total costs include the following four components of the Texarkana Water Department:
 - 1) Wright Patman (410)
 - 2) Millwood (420)
 - 3) Sludge Processing LWP and \$175,000 for Millwood
 - 4) Administrative Overhead 6.58% of the sum of 1, 2 and 3 as listed above

City of Texarkana, Texas

Proposed Water Production Rate By City

9/30/2021

		Wate	Water Kate Calculation	on	
	AN	ANNUAL		MONTHLY	LY
	(in thousands)				(in thousands)
	2021 Budgeted Gallons as Estimated by the Water Department	Budgeted Cost Total as Estimated by the Water Department	Estimated 2021 Water Rate	Estimated 2021 Water Monthly Billing - Water Rate	Monthly Gallons
New Boston	347,445	323,195	0.9302	26,933	28,954
Hooks	167,333	155,654	0.9302	12,971	13,944
Dekalb	77,348	71,950	0.9302	5,996	6,446
Wake Village	166,044	154,455	0.9302	12,871	13,837
Mand	49,663	46,197	0.9302	3,850	4,139
Avery	18,248	16,974	0.9302	1,415	1,521
Annona	7,006	6,517	0.9302	543	584
Total	833,087	774,942	0.9302	64,579	69,423
Texarkana, AR	1,692,262	1,574,151	0.9302	131,179	141,022
Texarkana, TX	3,116,250	2,898,752	0.9302	241,563	259,687
RWRD	233,850	217,528	0.9302	18,127	19,487
Total	5,042,361	4,690,431	0.9302	390,869	420,197
Total All Cities	5,875,448	5,465,373	0.9302	455,448	489,620

Cost is defined as water production cost of LWP and Millwood lakes. Gallons above are total gallons from both lakes.

Proposed Infrastructure Rate City of Texarkana, Texas 9/30/2021

	Original	Revised	lound	Monthly
Mombon Cities	Ownership /o	O dinerania		
Mean Boston	%LCCCT 2	3,6700075	26 613 09	271776
IVEW DOSIOII	0.01777	0.0	60:610:62	2111111
Hooks	2.275268%	2.275268%	16,950.75	1,412.56
DeKalb	2.143895%	2.143895%	15,972.02	1,331.00
Wake Village	1.632379%	1.632379%	12,161.22	1,013.44
Mand	1.123658%	1.123658%	8,371.25	09'169
* Avery	0.419275%			
Annona	0.307469%	0.307469%	2,290.64	190.89
Total Member Cities	11.474171%	11.054896%	82,358.97	6,863.25
I exarkana ** Texarkana, AR	32.792567%	32.792567%	244,249.48	20,354.12
** Texarkana, TX	55.733262%	56.152537%	418,391.55	34,865.96
Total Texarkana	88.525829%	88.945104%	662,641.03	55,220.08
Grand Total	100.000000%	100.000000%	745,000.00	62,083.33

\$745,000 Contribution Required for 2021 projects in the LTWSC Capital Improvement Fund =

City of Texarkana, Texas Proposed Debt Service Rate Highway 82 Widening Project 9/30/2021

	Original	Revised	Allocation of Tex, AR Ownership % to		
	Ownership %	Ownership %	Participating Cities	Annual	Monthly
Member Cities					
New Boston	3.572227%	3.572227%	5.315226%	8,671.47	722.62
Hooks	2.275268%	2.275268%	3.385441%	5,523.14	460.26
DeKalb	2.143895%	2.143895%	3.189967%	5,204.24	433.69
Wake Village	1.632379%	1.632379%	2.428867%	3,962.55	330.21
Mand	1.123658%	1.123658%	1.671925%	2,727.65	227.30
### Avery	0.419275%				
Annona	0.307469%	0.307469%	0.457493%	746.37	62.20
Total Member Cities	11.474171%	11.054896%	16.448919%	26,835.42	2,236.28
Texarkana				000 000 000 000 000 000 000 000 000 00	200 CO
*** Texarkana, AR Texarkana, TX	32.792567% 55.733262%	56.152537%	83.551081%	136,308.58	11,359.05
	20000202	700000000000000000000000000000000000000	000000000000000000000000000000000000000		
Fotal Texarkana	88.525829%	56.152537%	83.551081%	136,308.58	11,359.05
Grand Total	100.000000%	67.207433%	100.000000%	163,144.00	13,595.33

Debt Service for 2021 = \$163,144

^{***} Texarkana, Arkansas has not claimed their ownership interest in the Highway 82 water line

^{###} Texarkana, TX took control of Avery's ownership interest

WRIGHT PATMAN AND MILLWOOD WATER TREATMENT OPERATING EXPENSES - ACTUAL (Audited)

For the Year Ended September 30, 2019

Personal Services:	Wright Patman	Millwood	Total	
				From Audited TB for I
Management	25,945	26,093	52,038	410 & 420
Supervision	119,393	20,469	139,862	
Maintenance & Operations	561,874	167,109	728,983	
Overtime	90,699	36,773	127,472	
Standby	0	0	0	
Shift Differential	7,088	531	7,619	
Pay Out-Annual Leave	2,638	0	2,638	
Pay Out-Sick Leave	1,205	0	1,205	
Pay Out-Comp Time	0	0	0	
Pay Out -Post Retirement Insurance	271	0	271	
Temporary Labor	39,664	0	39,664	
Accrued Payroll	(31,387)	(10,630)	(42,017)	
Longevity	8,310	4,890	13,200	
Group Insurance	123,235	32,150	155,386	
Accrued Vacation & Sick Leave	3,840	18,236	22,076	
Retirement	133,169	42,073	175,242	
Social Security	60,771	19,251	80,022	
Workmen's Compensation	26,525	1,958	28.482	
Unemployment	0	0	0	
Employee Screening	198	170	368	
Certification/License Pav	5,569	3,146	8,715	
Education & Training	13,143	2,690	15,833	
Salary & Benefit Transfers Out	0	0	0	
Total Personal Services	1,192,150	364,908	1,557,058	
pplies:	1120	41	11 444	
Office Supplies & Expenses	1,161	64	1,225	
Operating Supplies	5,248	2,143	7,391	
Botanical Supplies	0	0	0	
Safety	24,952	23,286	48,238	
Minor Tools	2,761	1,887	4,648	
Wearing Apparel	7.061	1,835	8,897	
Laundry & Janitonal	3,012	943	3,955	
Lab & Photo Supplies	31,920	3,504	35,424	
Printing	690	328	1,018	
Chemicals-Plant	953,517	330,798	1.284,315	
Chemicals-Lake	5,520	0	5,520	
Total Supplies	1,035,842	364,788	1,400,630	
enin 6 Milatonia				
epairs & Maintenance: Office Machines & Equipment	0	0	0	
Motor Vehicles	20,932	2.124	23,056	
Machinery & Equipment	6,404	9,020	15,424	
Signal Equipment	70	418	488	
Buildings	283	760	1,043	
	63,193	23,005		
Water Treatment Equipment			86,198	
Water Transmission Mains	24,119	3,490	27,608	
Tanks & Reservoirs	595	1.375	1,969	
Sewer Instruments	0	0	0	
Sludge Pond Maintenance	0	0	0	
Equipment Utilization	0	0	0	
Equipment Apportionment	(5,475)	.0	(5,475)	
Total Repairs & Maintenance	110,120	40,191	150,311	
ontractual Services:				
Accounting & Audit	5,747	2,534	8,281	
Communications	8,276	9.032	17,308	
Rentals	1,718	2,017	3,735	
Fees & Permits	51,737	45,344	97,080	
Freight Charges	0	0	0	
Garbage Hauling	2,639	0	2,639	
Insurance	44,432	14,022	58,453	
Laboratory Services	10,960	92	11,052	
Legal Advertising	0.900	0	0	
Maintenance Contracts	6,615	456	7,071	
	385	60	445	
Postage Postage	308,880			
Power Purchases		201,844	510,724	
Power Purchases-Lake	229,167	0	229,167	
Special Services	157	15	172	
Water Rights	613	157,940	158,553	
Total Contractual Services	671,327	433,356	1,104,682	
Rounding Subtotals	3,009,438	1,203,243	4.212.681	Reconciled to Audited T
udge Processing	225,635	212,157		Sludge Actual 2019
	2.337.31		7.7.6	Andrew Condition 12
otal Operating Expenses	3,235,073	1,415,400	4,650,473	Page 1 and 1 and
dministrative Overhead	212,868	93,133	- 4.55	6.58% Actual Admin
otal Operating Expenses With Overhead	3,447,941	1,508,533	4,956,474	
		1,500,689,000		

WRIGHT PATMAN AND MILLWOOD WATER TREATMENT OPERATING EXPENSES - ACTUAL (Audited)

For the Year Ended September 30, 2019

Wright Patman Millwood Total
TRUE-UP ADJUSTMENT CALCULATION

			Fiscal Year 2019	9 Billing		
	2019 Water	2019 Infrastructure	2019 Debt Service	2017 True Up	FY 2019 Annual	FY 2019 Monthly
New Boston	355,372	19,647	8,706	46,608	430,333	35,861
Hooks	145,167	12,514	5,545	(13,473)	149,753	12,479
DeKalb	69,682	11,791	5,225	(2,708)	83,990	6,999
Wake Village	149,507	8,978	3,978	(11,222)	151,241	12,603
Maud	43,286	6,180	2,739	(405)	51,800	4,317
Avery	18,090			4,136	22,226	1,852
Annona	8,150	1,691	749	(1,641)	8,949	746
RWRD	271,207	41		9,455	280,662	23,389
	\$1,060,461	\$60,801	\$26,942	\$30,750	\$1,178,954	\$98,246

				Fiscal Year 2019 Tr	ue Up Calculation			
	Budgeted Gal (000's)	Budgeted Amt	Budgeted Rate	Actual Gal (000's)	Actual Amt	Actual Rate	Annual True Up	Monthly True Up
New Boston	394,582	355,372	0.900600	340,813	305,566	0.8965818	(49,806)	(4,150.48)
Hooks	161,184	145,167	0.900600	164,125	147,151	0.8965818	1,984	165.37
DeKalb	77,370	69,682	0.900600	71,964	64,522	0.8965818	(5,160)	(430.03)
Wake Village	166,003	149,507	0.900600	162,882	146,037	0.8965818	(3,470)	(289.16)
Maud	48,062	43,286	0.900600	43,951	39,406	0.8965818	(3,880)	(323.36)
Avery	20,086	18,090	0.900600	16,972	15,217	0.8965818	(2.873)	(239.45)
Annona	9,049	8,150	0.900600	7,381	6,618	0.8965818	(1,532)	(127.67)
RWRD	301,131	271,207	0.900600	231,851	207,873	0.8965818	(63,334)	(5,277.82)
Total	1,177,467	\$1,060,461		1,039,938	\$932,390		(\$128,071)	(\$10,673)

MEMBER CITIES BILLING

WRIGHT PATMAN SLUDGE PROCESSING COST FY 2019 ACTUAL

Composting Costs:				
Compost Division Budget Expenses (580)	:			
Personal Services		183,841		
Supplies		8,498		
Repairs & Maintenance		142,060		
Contractual Services		17,567		
Capital Outlays		0		
Total Division Expenses		351,965		
Other Labor & Benefits (530):				
Operator II (1300 Bldg)		40,181		
Plant Mechanic I (1/2)		15,835		
Total Other Labor		56,016		
Benefit Percentage	X	58.95%		
Total Benefit Cost	A	33,021		
Total Other Labor & Benefits		89,037		
Total Composting & Other Labor Costs		441,002		
Amount Attributable to Water Treatmen	it			
Plant Sludge (TSS):				
Wright Patman Solids (Metric Tons)		1,078.160		
South Regional Influent Solids (Metr	ic Tons)	2,260.180		
Water Treatment TSS Ratio		_	47.70240%	
Total Applicable Compost Costs				210,368
Sludge Chemical Costs:				
Total Cost of Polymer			103,307	
Water Treatment TSS Ratio		-	47.70240%	
Total Sludge Chemical Costs				49,280
Transportation Costs:				
200 Site Pumping Costs (Electrical)			115,224	
Amount Attributable to Water Treatmen	nt Plant Waste:			
Wright Patman Gallons Wasted (Mil		199.397		
South Regional Influent Flows (Mil C	Gallons)	3,761.500		
Water Treatment Plant Volume Ra	itio	-	5.30100%	
Total Transportation Costs			-	6,108
Total Estimated Sludge Processing Costs Appli	cable to Water Plant			265,756
Less Compost Sales:				
Total Compost Sales			84,107	
Water Treatment TSS Ratio			47.70240%	
Sales Applicable to Water Treatme	ent Plant Sludge		-	(40,121)
Net Sludge Processing Costs Applicable to Wat				225,635

FY19 Actual Consumption (1000 Gallons) Oct 2018- Sep 2019

	OCT/ APR	NOV/ MAY	DEC/ JUN	JAN/ JUL	FEB/ AUG	MAR/ SEP	Ę	% OF TOTAL
Oak Grove, TX	1926.690 1952.540	1869.490 2661.670	1773.790 2508.220	2192.980 2738.450	1560.350 2993.280	1783.010 2430.710	26391.180	0.4774%
Redwater, TX	8919.250 8514.750	8097.250 8374.450	8416.250 10927.650	8646.150 14551.200	7222.100 16977.600	7219.450 13234.650	121100.750	2.1906%
Central Bowie County	26804.510 19017.150	23460.010 15897.300	24138.700 19488.990	22363.070 23060.550	17380.530 30282.830	16612.690 22811.940	261318.270	4.7270%
Nash, TX	8420.000 7462.000	6579.000 6679.000	7299.000 7566.000	6890.000 10635.000	6034.000	6167.000 9045.000	95977.000	1.7361%
Macedonia Eylau	14735.436 14600.071	13979.138 13604.671	14111.924 15100.473	14094.717 16163.236	12545.058 19229.686	13065.618 15867.975	177098.003	3.2035%
Red River County	0.000	5.770	0.300	0.000	0.500	107.540	826.540	0.0150%
Day & Zimmerman	1830.000	390.000	930.000	2220.000 370.000	1230.000 660.000	491.000 970.000	10745.000	0.1944%
Leary, TX	1495.880 2147.470	1533.430 1687.480	1463.670 1993.100	1579.690 2047.560	1378.930 2103.660	1634.640 1927.980	20993.490	0.3798%
Mandeville, AR	1643.790 1788.541	1929.350 2133.667	1904.771 2372.352	2116.039 2602.048	1622.888 3089.706	2274.527 3329.370	26807.049	0.4849%
Union Water	7541.705 6173.560	7560.032 9460.801	7185.238 9083.204	8444.515 9516.589	7201.954 11534.034	7716.432 12428.712	103846.776	1.8785%
MCPWA	5035.000	5030.000 4540.000	4495.000 5270.000	4670.000	4050.000	4920.000 5560.000	60480.000	1.0940%
RWRD-TAC East	2436.349 1226.030	2166.522 1278.960	567.480 1255.720	358.660 2143.410	2267.970 1535.550	1597.900 1808.000	18642.551	0.3372%
Total Wholesale	80788.610 66983.232	73159.992 66707.999	72286.123 76195.709	73575.821 89453.353	62494.280 109577.346	63589.807 89414.337	924226.609	
New Boston, TX	29705.360 28742.520	28664.440 26235.490	26965.370 28150.780	27687.090 30624.650	24480.090 35383.680	24364.920 29808.110	340812.500	6.1650%
Hooks, TX	12776.100 14447.470	11969.250 12822.790	13189.270 13395.740	13954.460 14202.210	12374.024 17074.350	13322.796 14596.480	164124.940	2.9689%
DeKalb, TX	6053.000 5872.000	5193.000 5248.000	5311.000 5506.000	6522.000 6749.000	5532.000 8140.000	5477.000 6361.000	71964.000	1.3018%
Wake Village, TX	13271.000 12109.000	11635.000 11824.000	11919.000	11779.000 19276.000	10137.000	10056.000 15707.000	162882.000	2.9464%
Maud, TX	6277.000 3360.000	2915.000 3075.000	2935.000 3505.000	3034.000 3816.000	2735.000 4975.000	3178.000 4146.000	43951.000	0.7950%
Avery, TX	1440.500	1479.500	1659.300	1349.700	1098.700	1137.400		

FY19 Actual Consumption (1000 Gallons) Oct 2018- Sep 2019

	OCT/ APR	NOV/ MAY	DEC/ JUN	JAN/ JUL	FEB/ AUG	MAR/ SEP	Œ,	% OF TOTAL
	1439,700	1286.300	1389.800	1472.100	1591.600	1627.200	16971.800	0.3070%
Annona, TX	660.233 728.827	613.117	666.216 390.025	588.251 763.402	693.947 542.081	718.887 563.930	7381.349	0.1335%
RWRD- (RRAD)	16700.781 21927.580	14122.718 20416.382	16040.230 20120.716	17620.290 24881.256	17678.849 22338.598	18425.555 21577.850	231850.805	4.1940%
Total Member Cities & RWRD	86883.974 88627.097	76592.025 81360.395	78685.386 86858.061	82534.791 101784.618	74729.610 110814.309	76680.558 94387.570	1039938.394	
Total Wholesale, Member Cities & RWRD	167672.584 155610.329	149752.017 148068.394	150971.509 163053.770	156110.612 191237.971	137223.890 220391.655	140270.365 183801.907	1964165.003	
Texarkana, AR	105534.847 94403.316	88231.270 111223.042	93061.278 121079.206	94396.273 131301.381	86857.604 155619.660	99286.357 167690.845	1348685.079	24.3965%
Texarkana, TX	186009.569 145012.355	166320.713 189853.564	156860.213 188574.024	160477.115 211517.648	133183.506 250353.685	157404.278 269773.248	2215339.918	40.0735%
Total Texarkana	291544.416 239415.671	254551.983 301076.606	249921.491 309653.230	254873.388 342819.029	220041.110 405973.345	256690.635 437464.093	3564024.997	
Total All	459217.000 395026.000	404304.000	400893.000	410984.000 534057.000	357265.000 626365.000	396961.000 621266.000	5528190.000	100.0000%

City of Texarkana, Texas Proposed Water Cost Recap 9/30/2021

		20	2021 Annual Cost			2020 Annual Cost	Increase/
	Water	Infrastructure	Debt Service	2019 True Up	Total	Total	(Decrease)
New Boston	323,195	26,613	8,671	(49,806)	308,674	352,463	(43,789)
Hooks	155,654		5,523	1,984	180,112	166,196	13,915
DeKalb	71,950		5,204	(5,160)	87,965	87,768	197
Wake Village	154,455	12,161	3,963	(3,470)	167,109	164,985	2,124
Mand	46,197		2,728	(3,880)	53,415	55,364	(1,949)
Avery	16,974			(2,873)	14,101	15,400	(1,299)
Annona	6,517	2,291	746	(1,532)	8,022	11,499	(3,477)
Texarkana, AR	1,574,151	244,249			1,818,400	1,561,743	256,657
Texarkana, TX	2,898,752	418,392	136,309		3,453,452	3,159,482	293,970
RWRD	217,528			(63,334)	154,194	243,245	(89,051)
	\$ 5,465,373	\$ 745,000	\$ 163,144	\$ (128,071) \$	6,245,446	\$ 5,818,145	\$ 427,301
		20	2021 Monthly Cost			2020 Monthly Cost	Increase/
	Water	Infrastructure	Debt Service	2019 True Up	Total	Total	(Decrease)
New Boston	26,933	2,218	723	(4,150)	25,723	29,372	(3,649)
Hooks	12,971		460	165	15,009	13,850	1,160
DeKalb	966'5		434	(430)	7,330	7,314	16
Wake Village	12,871	1,013	330	(289)	13,926	13,749	177
Mand	3,850	869	227	(323)	4,451	4,614	(162)
Avery	1,415			(239)	1,175	1,283	(108)
Annona	543	191	62	(128)	699	856	(290)
Texarkana, AR	131,179	20,354			151,533	130,145	21,388
Texarkana, TX	241,563	34,866	11,359		287,788	263,290	24,498
RWRD	18,127			(5,278)	12,850	20,270	(7,421)
	\$ 455,448	\$ 62,083	\$ 13,595	\$ (10,673) \$	\$ 520,454	\$ 484,845	\$ 35,608