



RIVERBEND RESOLUTION NO. 20220928-01

**ADOPTING THE FY 2022 MEMBER ENTITIES' TRUE-UP
AND 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, Riverbend Water Resources District held an annual True-Up meeting on July 13, 2022 at the Riverbend offices to discuss the True-Up Process and information provided by the City of Texarkana, Texas and its water department through Texarkana Water Utilities.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Riverbend Water Resources District hereby adopts the FY 2022 Member Entities' True-Up and wholesale water rates and fees of the Texarkana Water Utilities.

PASSED and APPROVED this 24th day of August 2022

A handwritten signature in blue ink, appearing to read "Tina Veal Gooch", is written over a horizontal line.

Tina Veal Gooch, President

ATTEST:

A handwritten signature in blue ink, appearing to read "Fred Milton", is written over a horizontal line.

Fred Milton, Secretary

Attached: FY 2022 Member City Rate Calculation



**Member City
Water Rate
Calculation
2023**

City of Texarkana, Texas
Proposed Water Production Rate Assumptions
9/30/2023

Assumptions regarding the 2023 Water Rate:

- 1) The water rate is determined based on the adopted FY 2023 Water Department Budget.
- 2) The administration overhead rate has been calculated using **6.57%** of total budget water production costs using the method approved effective with the FY 2018 budget billing.
- 3) The 2021 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.
- 4) 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 2023 excludes the amount due to Riverbend. Each City will be responsible for remitting their amount directly to Riverbend.

CALCULATION OF OVERHEAD PERCENTAGE

From FY 2021 Unaudited Amounts

	2021 Unaudited Amounts
Admin Divisions:	
Administration 110	614,744
Finance 210	410,099
Engineering 710	76,225
GIS 740	42,386
Information Technology 230	41,575
Total Admin	1,185,029
Other Divisions:	
Customer Service 310	856,232
Water Production 410/420	4,616,094
Water Distribution 620	1,370,752
Sewer Collection 630	1,005,769
Wastewater 530/540	4,203,730
Environmental Services 750	353,181
Information Technology 230	919,369
Engineering 710	544,791
GIS 740	302,942
Composting 580	311,334
Operations Admin 610	248,836
Service Center 640,643-646	608,115
Water/Swr Constr 612	906,656
Field Services 330	604,373
Total Other	16,852,174
Total Expenses	18,037,203
Admin % of Total	6.57%

FY21 Audit Amounts:	
Oper Div Total	25,395,274
Less:	
Depr	(5,683,832)
Other Expenses	(1,674,240)
Total	18,037,202
Rounding Difference	0

Engineering & GIS Divisions Allocation to OH:

CALCULATION OF OVERHEAD PERCENTAGE

From FY 2021 Unaudited Amounts

Engineering 710	621,016
GIS 740	<u>345,329</u>
Total	<u>966,344</u>

<u><i>FY21 Capital Project Hours:</i></u>			<u>Engineering Division 710</u>	<u>GIS Division 740</u>	<u>Total</u>
WP & MW Projects	330	12.2742%	76,225	42,386	118,611
Other Projects	<u>2,355</u>	<u>87.7258%</u>	<u>544,791</u>	<u>302,942</u>	<u>847,733</u>
Total	<u>2,685</u>	<u>100.0000%</u>	<u>621,016</u>	<u>345,328</u>	<u>966,344</u>

Information Technology (IT) Division Allocation to OH:

Information Tech- Division 230	<u>960,944</u>
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<u><i>FY21 IT Logged Workorder Hours:</i></u>			<u>Info Tech Division 230</u>
Division 410	40	4.3265%	
Division 420	<u>0</u>	<u>0.0000%</u>	
Total WP & MW	<u>40</u>	4.3265%	<u>41,575</u>
Other Utility Divisions	<u>879</u>	<u>95.6735%</u>	<u>919,369</u>
Total	<u>919</u>	<u>100.0000%</u>	<u>960,944</u>

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT- 410

**FY 22 to
FY 23
Change**

	<i>Actual 20-21</i>	<i>Budget 21-22</i>	<i>Revised 21-22</i>	<i>Budget 22-23</i>
EXPENDITURES				
Personal Services	1,333,441	1,626,704	1,337,441	1,572,929
Supplies	1,062,218	1,201,600	1,108,690	1,867,700
Repairs & Maintenance	141,598	229,200	270,475	304,725
Contractual Services	776,098	748,313	738,714	812,289
TOTAL	3,313,355	3,805,817	3,455,320	4,557,643

PERSONAL SERVICES

511100	Supervision	174,635	169,429	157,502	171,750
511111	Management-Regular	25,271	24,335	24,172	25,065
511113	Management-Incentive	1,908	1,838	1,838	1,838
511211	Supervision-Reg Pay	138,911	138,257	118,836	139,847
511212	Supervision-Overtime	8,544	5,000	12,656	5,000
511411	Maintenance & Oper	621,725	812,351	613,548	802,578
511412	Overtime	69,910	43,000	78,157	43,000
511415	Shift Differential	7,957	7,500	7,500	7,500
511416	M&O Emergency/Disaster Pay	2,653	0	0	0
511611	Temporary Labor	6,449	20,000	5,500	5,000
512111	Longevity	7,932	9,114	7,005	7,386
512112	Group Insurance	148,885	230,040	158,281	194,818
512114	Retirement	148,178	164,323	146,569	175,958
512115	Social Security	68,400	78,286	67,923	81,420
512116	Workmen's Comp	27,018	20,010	26,993	19,920
512118	Employee Screening	247	100	490	400
512121	Certification/License Pay	35,282	37,450	47,049	32,100
512100	Education & Training	14,171	35,100	20,925	31,100
512122	Training-Seminars & Other	0	5,000	1,000	5,000
512123	Training-Licenses & Certifica	10,391	15,000	8,800	12,000
512124	Travel	1,717	10,000	9,425	10,000
512125	Books & Subscriptions	0	100	25	100
512126	Dues	1,152	3,000	1,200	2,000
512127	Licenses	910	2,000	475	2,000
519999	Salary & Ben Transfer	0	0	0	0
TOTAL		1,333,441	1,626,704	1,337,441	1,572,929

- 3.31%

SUPPLIES

521100	Office Supplies	1,106	2,600	1,782	2,600
521111	Paper	92	500	350	500
521112	Writing Instruments	96	100	92	100
521113	Computer Supplies	214	1,000	340	1,000
521114	Other Off Sup & Exp	705	1,000	1,000	1,000
521200	Operating Supplies	3,692	13,000	10,134	10,000
521211	Consumable Items	2,738	6,000	2,375	3,000
521212	Non Consumable Items	954	7,000	7,759	7,000
521400	Safety	44,642	29,500	22,331	25,100

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT- 410

		<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>	FY 22 to FY 23 Change
		<i>20-21</i>	<i>21-22</i>	<i>21-22</i>	<i>22-23</i>	
521411	Personal Protect Equip	1,094	6,000	700	3,000	
521413	Emergency Response Eq	0	1,000	100	500	
521415	Facilities Maintenance	42,887	20,000	21,356	20,000	
521416	Emergency/Disaster	136	1,000	0	0	
521417	Laboratory & Environ	0	0	0	500	
521418	Storage & Handling	500	1,000	0	100	
521419	Grounds Maintenance	25	500	175	1,000	
521700	Minor Tools	1,989	6,000	5,120	6,000	
521711	Electronic Tools	599	1,000	250	1,000	
521712	Hand Tools	1,391	3,000	3,775	3,000	
521713	Power Tools	0	2,000	1,095	2,000	
521900	Wearing Apparel	3,268	8,000	3,075	7,000	
521911	Uniform Cost	3,268	6,000	3,000	6,000	
521913	All Weather Gear	0	1,000	50	500	
521919	Other Wearing Apparel	0	1,000	25	500	
522300	Laundry & Janitorial	2,785	3,500	3,454	3,500	
522312	Janitorial Service	1,902	2,000	2,194	2,000	
522313	Laundry & Jan Supplies	883	1,500	1,260	1,500	
522500	Lab & Photo Supplies	31,549	36,000	42,534	42,000	
522511	Lab Supplies	8,287	8,000	16,179	10,000	
522512	Lab Chemicals	23,262	20,000	26,055	30,000	
522513	Lab Equipment Repairs	0	8,000	300	2,000	
522700	Printing	428	1,500	1,245	1,500	
522713	Other Forms	428	1,000	1,000	1,000	
522719	Other	0	500	245	500	
522800	Chemicals - Plant	972,760	1,085,000	1,019,015	1,762,000	+ 62.40%
522811	Activated Carbon	0	0	0	0	
522812	Anhydrous Ammonia	31,933	35,000	31,700	50,000	+ 42.86%
522813	Calcium Hypochlorinate	0	0	0	0	
522815	Caustic Soda	387,056	425,000	425,000	850,000	+ 100.00%
522816	Chlorine	79,629	108,000	104,700	200,000	+ 85.19%
522817	Copper Sulphate	0	0	0	0	
522819	Hydrated Lime	0	0	0	0	
522821	Liquid Alum	403,585	440,000	384,700	550,000	+ 25.00%
522822	Polymer	3,312	7,000	5,000	7,000	
522823	Potassium Permanganate	0	0	0	0	
522824	Sodium Chlorite	44,850	45,000	45,000	60,000	+ 33.33%
522826	Zinc Ortho Phosphate	22,395	25,000	22,915	45,000	+ 80.00%
522827	Sodium Hydroxide	0	0	0	0	
522839	Other	0	0	0	0	
522900	Chemicals - Lake	0	16,500	0	8,000	
522914	Carbon	0	15,000	0	7,500	
522917	Copper Sulphate	0	1,500	0	500	
522939	Other	0	0	0	0	
TOTAL		1,062,218	1,201,600	1,108,690	1,867,700	+ 55.43%

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT- 410

FY 22 to
FY 23
Change

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>	
	<i>20-21</i>	<i>21-22</i>	<i>21-22</i>	<i>22-23</i>	
REPAIRS & MAINTENANCE					
531111	Office Machines & Eq	0	0	0	0
531200	Motor Vehicles	19,702	24,450	26,650	35,450
531211	Antifreeze	2	100	75	100
531212	Batteries	187	400	200	400
531213	Filters	275	300	150	300
531214	Fuel	16,332	18,000	23,000	30,000 + 66.67%
531215	Lubricates	171	500	425	500
531216	Parts	250	1,500	600	1,000
531217	Tires	977	2,000	1,600	2,000
531218	Labor	0	0	0	0
531219	Subcontracts	1,507	1,500	600	1,000
531239	Repairs Other	0	150	0	150
531700	Machinery & Equip	5,599	11,000	2,285	10,500
531711	Antifreeze	0	100	10	100
531712	Batteries	0	200	125	200
531713	Filters	58	200	0	200
531714	Fuel	1,837	1,500	1,050	2,000
531715	Lubricates	188	5,000	100	4,000
531716	Parts	1,818	1,500	325	1,500
531717	Tires	227	500	175	500
531718	Labor	1,472	2,000	500	2,000
531719	Subcontracts	0	0	0	0
531739	Repairs Other	0	0	0	0
531800	Signal Equipment	19,889	10,250	5,050	10,250
531811	Radios	0	250	50	250
531812	Telemetry	19,889	10,000	5,000	10,000
532100	Building	3,747	9,000	7,500	13,500
532111	Heating & Cooling	2,700	4,500	1,500	4,500
532112	Other Building	847	3,000	500	2,000
532113	Grounds & Parking Lots	200	1,500	5,500	7,000
533100	Water Treatment Equip	67,941	120,000	108,440	130,000
533111	Intake	32,839	30,000	15,000	30,000
533112	Plant	34,648	70,000	85,440	80,000
533113	Booster Stations	454	20,000	8,000	20,000
533200	Water Transmission Mains	9,891	29,000	106,025	66,000
533211	Raw Water Mains	751	4,000	525	3,000
533212	Treated Water Mains	751	5,000	500	3,000 - 40.00%
533213	Member Cities Mains	8,389	20,000	105,000	60,000 + 200.00%
533600	Tanks & Reservoirs	20,303	30,000	20,000	44,000
533611	MC Tanks & Reservoirs	8,123	15,000	10,000	29,000
533612	Other Tanks & Reserv	12,180	15,000	10,000	15,000
534100	Sewer Equipment R & M	0	1,000	0	500
534121	Sewer Instrument R&M	0	1,000	0	500
539999	Equipment Apportionment	(5,475)	(5,500)	(5,475)	(5,475)
TOTAL		141,598	229,200	270,475	304,725 + 32.95%

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT- 410

**FY 22 to
FY 23
Change**

	<i>Actual 20-21</i>	<i>Budget 21-22</i>	<i>Revised 21-22</i>	<i>Budget 22-23</i>		
CONTRACTUAL SERVICES						
541111	Accounting & Audit	520	5,800	4,500	5,800	
541311	Communications	8,727	9,000	10,059	9,000	
541700	Rentals	9,062	6,000	3,000	5,000	
541711	Equipment Rental	9,062	6,000	3,000	5,000	
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	
543111	Garbage Hauling	2,942	2,600	3,096	3,000	
543400	Insurance	46,003	46,275	45,510	46,000	
543411	Property Insurance	39,685	37,275	38,635	38,600	
543412	Liability Insurance	3,146	4,475	3,700	4,000	
543413	Automotive Insurance	3,172	4,525	3,175	3,400	
543600	Laboratory Services	12,168	14,750	13,500	14,250	
543611	State Lab Fees	755	750	3,500	750	
543612	Commercial Lab Fees	11,413	13,000	10,000	13,000	
543613	Comm Lab Fees-Other	0	1,000	0	500	
544100	Maintenance Contracts	6,301	13,000	7,025	12,500	
544112	Software	4,472	7,500	4,500	7,500	
544113	Internet Service	1,674	2,000	1,825	2,000	
544119	Other Maint Contract	155	3,500	700	3,000	
544900	Postage	638	1,625	850	1,625	
544911	Postage	0	125	25	125	
544912	Special Delivery	638	1,500	825	1,500	
545200	Power Purchases	369,935	359,550	358,500	361,000	
545211	Electrical	363,761	351,000	351,000	351,000	
545212	Gas	6,174	8,550	7,500	10,000	
545511	Power Purchases - Lake	267,311	235,000	240,000	300,000	+ 27.66%
545700	Special Services	142	2,100	325	1,500	
545712	Pest Control	0	600	150	500	
545719	Other Special Services	142	1,500	175	1,000	
546311	Water Rights	613	613	613	614	
TOTAL		776,098	748,313	738,714	812,289	+ 8.55%

TOTAL BUDGET	3,313,355	3,805,817	3,455,320	4,557,643	+ 19.75%
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100% Texas

4,557,643

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT- 410

FY 22 to
FY 23
Change

Actual *Budget* *Revised* *Budget*
20-21 *21-22* *21-22* *22-23*

21-22 Actual Exp not included on budget sheet above:	
Pay Out - Annual Leave	3,477
Pay Out - Post Ret Ins	28,274
Pay Out - Sick Leave	1,117
Pay Out - Comp Time	274
Accrued Payroll	(61,778)
Accrued Vacation and Sick	(5,879)
Accrued Operating Supplies	26
Accrued Safety	1,028
Accrued Minor Tools	6
Accrued Wearing Apparel	1,678
Accrued Lab and Photo Supplies	786
Accrued Tanks & Reservoirs	9
Accrued Water Treatment Equip	1,220
Accrued Water Transmission Mains	28
Accrued Accounting & Audit	1,768
Accrued Power Purchases	1,100
Accrued Power Purchases- Lake	34,908
	8,041
Reconciliation:	
Total Actual Exp Above for 20-21	3,313,355
Additional Expenses for 20-21	8,041
	3,321,397
Balance on 2021 True Up Detail (pg 27)	3,321,398
Difference (Rounding)	(1)

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT- 420

FY 22 to FY 23 Change

	<i>Actual 20-21</i>	<i>Budget 21-22</i>	<i>Revised 21-22</i>	<i>Budget 22-23</i>
EXPENDITURES				
Personal Services	388,073	388,872	366,401	377,623
Supplies	263,569	495,325	302,711	667,375
Repairs & Maintenance	43,386	69,675	95,210	79,325
Contractual Services	717,233	715,315	760,085	740,783
TOTAL	1,412,260	1,669,187	1,524,408	1,865,106

PERSONAL SERVICES

511200	Supervision	48,929	55,565	26,422	48,233
511111	Management-Regular	25,269	24,335	24,334	25,065
511113	Management-Incentive	1,909	1,838	1,838	1,838
511211	Supervision-Regular	20,147	28,892	0	20,831
511212	Supervision-Overtime	1,604	500	250	500
511411	Maintenance & Oper	184,699	180,601	176,782	195,371
511412	Overtime	17,653	5,000	17,000	5,000
511415	Shift Differential	35	500	700	500
511416	Emergency/Disaster	2,437	0	0	0
511611	Temporary Labor	0	10,000	5,000	4,000
512111	Longevity	5,292	4,800	5,325	2,040
512112	Group Insurance	36,397	37,832	38,304	30,325
512114	Retirement	45,322	41,583	41,785	44,603
512115	Social Security	20,864	19,810	21,336	20,639
512116	Workmen's Comp	3,271	3,381	2,574	2,763
512118	Employee Screening	0	200	51	150
512121	Certification/License Pay	21,223	20,100	28,283	16,000
512100	Education & Training	1,950	9,500	2,840	8,000
512123	Training-Licenses & Certifi	1,254	5,000	1,000	3,500
512124	Travel	34	3,000	1,500	3,000
512126	Dues	280	1,000	300	1,000
512127	Licenses	382	500	40	500
519999	Salary & Benefit Transfer	0	0	0	0
TOTAL		388,073	388,872	366,401	377,623 - 2.89%

SUPPLIES

521100	Office Supplies	77	425	235	475
521111	Paper	0	50	20	50
521112	Writing Instruments	0	25	15	25
521113	Computer Supplies	0	200	50	200
521114	Other	77	150	150	200
521200	Operating Supplies	4,270	5,500	5,000	5,500
521211	Consumable Items	1,281	3,000	2,500	3,000
521212	Non Consumable Items	2,989	2,500	2,500	2,500
521311	Botanical Supplies	0	0	0	0
521400	Safety	10,872	11,000	31,656	22,000 + 100.00%
521411	Personal Protect Equip	258	1,000	900	1,000
521413	Emergency Response Eq	117	500	100	500
521415	Facilities Maintenance	10,385	9,000	30,556	20,000
521416	Emergency/Disaster	112	0	0	0
521419	Grounds Maintenance	0	500	100	500

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT- 420

		<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>	
		<i>20-21</i>	<i>21-22</i>	<i>21-22</i>	<i>22-23</i>	FY 22 to FY 23 Change
521700	Minor Tools	898	2,000	1,815	2,000	
521712	Hand Tools	300	1,000	850	1,000	
521713	Power Tools	598	1,000	965	1,000	
521900	Wearing Apparel	956	1,700	500	1,700	
521911	Uniform Cost	956	1,500	500	1,500	
521913	All Weather Gear	0	200	0	200	
522300	Laundry & Janitorial	1,502	1,900	1,875	1,900	
522312	Janitorial Service	1,340	1,500	1,550	1,500	
522313	Laundry & Jan Supplies	162	400	325	400	
522500	Lab & Photo Supplies	3,119	5,000	2,200	5,000	
522511	Lab Supplies	1,082	2,000	500	2,000	
522512	Lab Chemicals	2,037	2,000	1,500	2,000	
522513	Lab Equipment Repairs	0	1,000	200	1,000	
522700	Printing	0	800	530	800	
522719	Other	0	800	530	800	
522800	Chemicals - Plant	241,875	467,000	258,900	628,000	+ 34.48%
522811	Activated Carbon	0	0	0	0	
522812	Anhydrous Ammonia	8,501	15,000	9,200	18,000	
522813	Calcium Hypochlorinate	0	0	0	0	
522815	Caustic Soda	92,696	200,000	100,000	290,000	+ 45.00%
522816	Chlorine	18,810	65,000	28,000	100,000	+ 53.85%
522817	Copper Sulphate	0	0	0	0	
522819	Hydrated Lime	0	0	0	0	
522821	Liquid Alum	109,002	165,000	110,000	190,000	+ 15.15%
522822	Polymer	4,995	10,000	3,500	10,000	
522823	Potassium Permanganate	0	0	0	0	
522824	Sodium Chlorite	0	0	0	0	
522826	Zinc Ortho Phosphate	7,870	2,000	7,200	15,000	+ 650.00%
522839	Other Chemicals	0	10,000	1,000	5,000	
522914	Chemicals-Carbon	0	0	0	0	
TOTAL		263,569	495,325	302,711	667,375	+ 34.73%

REPAIRS & MAINTENANCE

531111	Office Machines & Eq					
531200	Motor Vehicles	2,606	3,200	4,215	5,200	
531211	Antifreeze	0	50	15	50	
531212	Batteries	0	100	0	100	
531213	Filters	15	50	15	50	
531214	Fuel	2,129	2,000	3,900	4,000	+ 100.00%
531215	Lubricates	25	100	10	100	
531216	Parts	41	100	25	100	
531217	Tires	383	800	250	800	
531218	Labor	13	0	0	0	
531700	Machinery & Equip	6,898	13,975	16,100	19,975	
531711	Antifreeze	0	50	0	50	
531712	Batteries	0	400	100	400	
531713	Filters	46	25	25	25	
531714	Fuel	899	6,000	7,200	6,000	
531715	Lubricates	325	500	7,100	7,500	+ 1400.00%
531716	Parts	2,287	3,000	575	3,000	
531717	Tires	248	500	100	500	

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT- 420

		<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>	
		<i>20-21</i>	<i>21-22</i>	<i>21-22</i>	<i>22-23</i>	FY 22 to FY 23 Change
531718	Labor	3,094	3,500	1,000	2,500	
531800	Signal Equipment	1,368	1,000	1,800	2,000	
531812	Telemetry	1,368	1,000	1,800	2,000	
532100	Building	6,691	5,000	2,300	4,000	
532111	Heating & Cooling	0	2,000	500	1,500	
532112	Other Building	5,521	3,000	1,800	2,500	
532113	Grounds & Parking Lots	1,170	0	0	0	
533100	Water Treatment Equip	22,898	40,000	68,670	43,000	
533111	Intake	2,400	0	170	7,000	
533112	Plant	14,967	30,000	67,000	30,000	
533113	Booster Station	5,531	10,000	1,500	6,000	
533200	Water Transmission Mains	1,975	5,000	625	3,650	
533211	Raw Water Mains	751	0	125	150	
533212	Treated Water Mains	1,224	5,000	500	3,500	
533600	Tanks & Reservoirs	950	1,500	1,500	1,500	
533612	Other Tanks & Reserv	950	1,500	1,500	1,500	
539998	Equipment Utilization	0	0	0	0	
TOTAL		43,386	69,675	95,210	79,325	+ 13.85%

CONTRACTUAL SERVICES

541111	Accounting & Audit	240	2,000	2,000	2,000	
541311	Communications	10,914	10,700	13,700	13,000	
541700	Rentals	314	2,000	4,400	2,000	
541711	Equipment Rental	314	2,000	4,400	2,000	
541900	Fees and Permits	48,519	47,400	58,288	59,588	
541911	Water System Serv Fee	48,519	46,000	58,188	58,188	
541912	Water System Permits	0	400	0	400	
541919	Other Fees & Permits	0	1,000	100	1,000	
543400	Insurance	14,675	14,815	17,387	17,295	
543411	Property Insurance	13,432	13,520	16,092	16,000	
543412	Liability Insurance	887	920	920	920	
543413	Automotive Insurance	356	375	375	375	
543600	Laboratory Services	223	500	280	500	
543612	Comm Lab Fees-POTW	223	500	280	500	
544100	Maintenance Contracts	0	1,000	9,000	10,500	
544112	Software	0	0	9,000	10,000	
544113	Internet Service	0	1,000	0	500	
544912	Special Delivery Service	30	0	0	0	
545200	Power Purchases	200,437	195,000	190,000	195,000	
545211	Electrical	200,437	195,000	190,000	195,000	
545700	Special Services	15	900	180	900	
545712	Pest Control	0	500	150	500	
545719	Other Special Services	15	400	30	400	
546311	Water Rights	153,647	165,000	162,000	165,000	
546312	Water Rights-10MG	288,219	276,000	302,850	275,000	100% AR
TOTAL		717,233	715,315	760,085	740,783	
	Less: Water Rights - 10MG (100% Arkansas)	(288,219)	(276,000)	(302,850)	(275,000)	
		429,014	439,315	457,235	465,783	+ 6.02%

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT- 420

	<i>Actual 20-21</i>	<i>Budget 21-22</i>	<i>Revised 21-22</i>	<i>Budget 22-23</i>	FY 22 to FY 23 Change
TOTAL BUDGET	1,124,041	1,393,187	1,221,557	1,590,106	+ 14.13%

100% Arkansas

1,590,106

<u>21-22 Actual Exp not included on budget sheet above:</u>	
Accrued Payroll	(12,646)
Accrued Vacation and Sick	1,583
Accrued Water Treatment	435
Accrued Operating Supplies	17
Accrued Accounting & Audit	816
Accrued Chemicals	2,536
Accrued Safety	349
Accrued Power Purchases	855
	<u>(6,054)</u>
<u>Reconciliation:</u>	
Total Actual Exp Above for 20-21	1,124,041
Additional Expenses for 20-21	<u>(6,054)</u>
	1,117,988
Balance on 2021 True Up Detail (pg 27)	<u>1,117,988</u>
Difference (Rounding)	0

TEXARKANA WATER UTILITIES
MEMBER CITIES BILLING
WRIGHT PATMAN SLUDGE PROCESSING COST
FY 2023 ESTIMATED

Composting Costs:

Compost Division Budget Expenses (580):

Personal Services	191,520
Supplies	11,515
Repairs & Maintenance	134,540
Contractual Services	18,915
Total Division Expenses	<u>356,490</u>

Other Labor & Benefits (530):

Operator II (1300 Bldg)	47,277
Plant Mechanic I (1/2)	17,986
Total Other Labor	<u>65,263</u>

Benefit Percentage	X	56.25%
Total Benefit Cost		<u>36,712</u>

Total Other Labor & Benefits	<u>101,975</u>
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Total Composting & Other Labor Costs	458,465
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Amount Attributable to Water Treatment

Plant Sludge (TSS):

Wright Patman Solids (Metric Tons)	1,023.310	
South Regional Influent Solids (Metric Tons)	1,944.850	
Water Treatment TSS Ratio		<u>52.61640%</u>

Total Applicable Compost Costs		241,228
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Sludge Chemical Costs:

Total Cost of Polymer	150,000
Water Treatment TSS Ratio	<u>52.61640%</u>

Total Sludge Chemical Costs	78,925
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Transportation Costs:

200 Site Pumping Costs (Electrical)	118,118
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Amount Attributable to Water Treatment Plant Waste:

Wright Patman Gallons Wasted (Mil Gallons)	145.573	
South Regional Influent Flows (Mil Gallons)	2,902.200	
Water Treatment Plant Volume Ratio		<u>5.01595%</u>

Total Transportation Costs	<u>5,925</u>
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Total Estimated Sludge Processing Costs Applicable to Water Plant	326,078
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Less Compost Sales:

Total Compost Sales (Estimated)	223,344
Water Treatment TSS Ratio	<u>52.61640%</u>
Sales Applicable to Water Treatment Plant Sludge	<u>(117,516)</u>

Net Sludge Processing Costs Applicable to Water Plant	<u><u>208,562</u></u>
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TREATED WATER BY PLANT (000's)
FYE 9/30/22

	<u>Wright Patman</u>	<u>Millwood</u>	<u>Total</u>	
JUL 2021	446,540	113,642	560,182	
AUG 2021	448,586	116,256	564,842	
SEP 2021	416,573	101,803	518,376	
OCT 2021	375,944	93,752	469,696	
NOV 2021	362,076	49,514	411,590	
DEC 2021	121,743	300,485	422,228	
JAN 2022	260,021	149,243	409,264	
FEB 2022	309,111	47,555	356,666	
MAR 2022	392,917	-	392,917	
APR 2022	371,634	21,352	392,986	
MAY 2022	368,936	111,047	479,983	
JUN 2022	387,637	131,300	518,937	
	<hr/>	<hr/>	<hr/>	
Total Gallons-Prior 12 Mos.	<u>4,261,718</u>	<u>1,235,949</u>	<u>5,497,667</u>	<u>MW %</u> 22.48%
Projected FY22 Ending Plant Usage	3,827,171	1,670,496 *	5,497,667	30.39%

**Used 4 Year Average of MW Usage Instead of Projected FY21 Actual %*

Millwood Plant Usage:

Revised Estimated FY22 (4yr Avg)	30.39%	
Estimated FY22	35.17%	
FY21 Actual	21.95%	
FY20 Actual	47.92%	
FY19 Actual	27.15%	121.54%
FY18 Actual	24.52%	0.303855381

**FY22 Estimated Consumption (1000 Gallons)
Oct 2021- Jun 2022 (with Jul- Sept 2022 Estimated)**

	OCT/ APR	NOV/ MAY	DEC/ JUN	Estimated based on July- Sept 2021			YTD	% OF TOTAL
				JAN/ JUL	FEB/ AUG	MAR/ SEP		
Oak Grove, TX	2571.530 2071.860	2298.060 2574.380	2019.180 2254.230	2374.260 2644.320	2098.550 2315.770	2188.410 2111.810	27522.360	0.5006%
Redwater, TX	9683.650 8603.050	8256.700 10391.300	8477.750 11871.850	8335.650 13242.540	7599.550 11918.565	8503.350 12620.445	119504.400	2.1737%
Central Bowie County	18201.420 17941.676	15758.922 20383.613	16086.643 22983.578	14030.880 23776.470	14640.209 20601.480	17011.768 20307.810	221724.469	4.0331%
Nash, TX	8007.000 7560.000	7266.000 9124.000	8069.000 10122.000	8123.000 9449.000	7019.000 8801.000	7473.000 8138.000	99151.000	1.8035%
Macedonia Eylau	17578.409 18126.823	15455.871 18784.304	16926.160 19443.724	18434.661 19875.380	17071.577 19104.988	18958.021 18469.928	218229.846	3.9695%
Red River County	0.000 0.000	0.000 0.000	0.000 218.880	0.000 0.000	0.000 86.770	0.000 0.000	305.650	0.0056%
Day & Zimmerman	440.000 440.000	2180.000 360.000	1230.000 370.000	6370.000 240.000	1150.000 490.000	810.000 450.000	14530.000	0.2643%
Leary, TX	1938.030 1542.540	1737.650 1588.600	1830.700 1793.440	1478.980 2442.080	1414.260 2158.620	1553.710 2091.980	21570.590	0.3924%
Mandeville, AR	2996.775 2096.480	2257.844 2817.704	1890.825 2425.949	1930.075 2829.861	1923.137 2781.352	1648.306 2443.456	28041.764	0.5101%
Union Water	9701.012 7788.502	7086.553 9135.339	8320.985 9700.618	8102.117 10740.503	6710.102 9309.898	7590.649 9808.079	103994.357	1.8916%
MCPWA	9610.000 5130.000	8430.000 7195.000	8520.000 6180.000	4580.000 6090.000	5445.000 9885.000	6130.000 6535.000	83730.000	1.5230%
RWRD-TAC East	3176.000 1279.000	2861.000 1321.000	1404.000 1576.000	2904.000 2501.000	2101.000 3145.000	1422.000 4699.000	28389.000	0.5164%
Total Wholesale	83903.826 72579.931	73588.600 83675.240	74775.243 88940.269	76663.623 93831.154	67172.385 90598.443	73289.214 87675.508	966693.436	
New Boston, TX	26560.470 22387.240	20927.690 25048.800	23268.510 29842.740	23408.860 30243.200	21691.370 29259.180	23460.330 28592.920	304691.310	5.5422%
Hooks, TX	15196.696 13210.000	15583.055 13702.000	13703.820 13341.000	14122.090 17103.820	13151.000 16086.720	14471.000 15465.750	175136.951	3.1857%
DeKalb, TX	5498.000 4927.000	5615.000 6373.000	5926.000 4858.000	5396.000 7486.000	5417.000 7353.000	5632.000 6899.000	71380.000	1.2984%
Wake Village, TX	12594.000 11778.000	10855.000 13350.000	10977.000 14525.000	11865.000 15750.000	10046.000 14486.000	11402.000 13681.000	151309.000	2.7522%
Maud, TX	3052.000 2719.000	3937.000 3071.000	2316.000 3566.000	3200.000 4399.000	2787.000 3075.000	2591.000 3097.000	37810.000	0.6877%
Avery, TX	1487.900 1656.600	1469.100 1580.600	1598.300 1693.100	1546.700 1536.800	1208.300 1453.800	1535.000 1472.700	18238.900	0.3318%

**FY22 Estimated Consumption (1000 Gallons)
Oct 2021- Jun 2022 (with Jul- Sept 2022 Estimated)**

	OCT/ APR	NOV/ MAY	DEC/ JUN	Estimated based on July- Sept 2021			YTD	% OF TOTAL
				JAN/ JUL	FEB/ AUG	MAR/ SEP		
				Annona, TX	803.612 558.132	736.716 625.722		
RWRD- (RRAD)	22138.022 16542.166	22499.756 25114.572	16286.818 20572.238	19870.656 33940.606	16199.564 29353.198	17877.888 30366.560	270762.044	4.9250%
Total Member Cities & RWRD	87330.700 73778.138	81623.317 88865.694	74734.089 89052.583	80215.823 111401.651	71234.907 101691.862	77562.345 100347.603	1037838.712	
Total Wholesale, Member Cities & RWRD	171234.526 146358.069	155211.917 172540.934	149509.332 177992.852	156879.446 205232.805	138407.292 192290.305	150851.559 188023.111	2004532.148	
Texarkana, AR	109859.756 95093.441	90404.899 120581.555	105228.352 137009.444	96361.004 136098.327	83102.125 140608.152	94646.010 121921.951	1330915.016	24.2087%
Texarkana, TX	188601.718 151534.490	165973.184 186860.511	167490.316 203934.704	156023.550 218850.868	135156.583 231943.543	147419.431 208430.938	2162219.836	39.3298%
Total Texarkana	298461.474 246627.931	256378.083 307442.066	272718.668 340944.148	252384.554 354949.195	218258.708 372551.695	242065.441 330352.889	3493134.852	
Total All	469696.000 392986.000	411590.000 479983.000	422228.000 518937.000	409264.000 560182.000	356666.000 564842.000	392917.000 518376.000	5497667.000	100.0001%

City of Texarkana, Texas
Proposed Water Production Rate By Plant

9/30/2023

	<u>Division 410</u>	<u>Sludge & Chlorine Conversion-WP</u>	<u>Total LWP</u>	<u>Division 420</u>	<u>Sludge-MW</u>	<u>Total MW</u>	<u>Total Blended</u>
<u>EXPENDITURES</u>							
Personnel Services	1,572,929		1,572,929	377,623		377,623	1,950,553
Supplies	1,867,700		1,867,700	667,375		667,375	2,535,075
Repairs & Maintenance	304,725		304,725	79,325		79,325	384,050
Contractual Services	812,289		812,289	465,783		465,783	1,278,072
Subtotal	4,557,643	-	4,557,643	1,590,106	-	1,590,106	6,147,750
Sludge Costs	-	241,228	241,228		-	-	241,228
Chlorine Conversion-TX	-	10,000	10,000		-	-	10,000
Sludge Chemical/Transp Cost		84,850	84,850		-	-	84,850
Composting Revenue	-	(117,516)	(117,516)	-	-	-	(117,516)
Subtotal	-	218,562	218,562	-	-	-	218,562
Administration Costs 6.57%	299,437	14,360	313,797	104,470	-	104,470	418,267
Total Water Production Cost	4,857,081	232,922	5,090,002	1,694,576	-	1,694,576	6,784,578
Estimated Gallons By Plant			3,827,171			1,670,496	5,497,667
Estimated Cost Per 1,000 Gal			1.3300			1.0144	1.2341
			LWP			MW	Total
			Prior Year			0.8516	1.0043

City of Texarkana, Texas
Proposed Water Production Rate
9/30/2023

Water Production (both lakes)	Amount As Budgeted 2023	
Total Gallons	5,497,667	(in thousands)
* Total Cost	6,784,578	
Water Rate	1.2341	(per thousand) 22.88% Increase
<i>Prior Year Water Rate</i>	1.0043	

* 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 \$0 for Millwood Sludge Pond Cleaning
- 4) Administrative Overhead - **6.57%** of the sum of 1, 2 and 3 as listed above
- 5) Chlorine Conversion Costs-TX \$10,000 budgeted for FY23

City of Texarkana, Texas
Proposed Water Production Rate By City

9/30/2023

Water Rate Calculation					
ANNUAL			MONTHLY		
<i>(in thousands)</i>			<i>(in thousands)</i>		
2023 Budgeted Gallons as Estimated by the Water Department	Budgeted Cost Total as Estimated by the Water Department	Estimated 2023 Water Rate	Monthly Billing - Water Cost Only	Monthly Gallons	
New Boston	304,691	376,014	1.2341	31,335	25,391
Hooks	175,137	216,134	1.2341	18,011	14,595
Dekalb	71,380	88,089	1.2341	7,341	5,948
Wake Village	151,309	186,728	1.2341	15,561	12,609
Maud	37,810	46,661	1.2341	3,888	3,151
Avery	18,239	22,508	1.2341	1,876	1,520
Annona	8,511	10,503	1.2341	875	709
Total	767,077	946,636	1.2341	78,886	63,922
Texarkana, AR	1,546,681	1,908,733	1.2341	159,061	128,890
Texarkana, TX	2,913,147	3,595,066	1.2341	299,589	242,762
RWRD	270,762	334,143	1.2341	27,845	22,564
Total	4,730,590	5,837,942	1.2341	486,495	394,216
Total All Cities	5,497,667	6,784,578	1.2341	565,382	458,138

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

City of Texarkana, Texas
Proposed Infrastructure Rate
9/30/2023

	<u>Original Ownership %</u>	<u>Revised Ownership %</u>	<u>Annual</u>	<u>Monthly</u>
Member Cities				
New Boston	3.572227%	3.572227%	17,861.14	1,488.43
Hooks	2.275268%	2.275268%	11,376.34	948.03
DeKalb	2.143895%	2.143895%	10,719.48	893.29
Wake Village	1.632379%	1.632379%	8,161.90	680.16
Maud	1.123658%	1.123658%	5,618.29	468.19
* Avery	0.419275%	0.419275%	1,537.35	128.11
Annona	0.307469%	0.307469%	1,537.35	128.11
Total Member Cities	11.474171%	11.054896%	55,274.50	4,606.21
Texarkana				
** Texarkana, AR	32.792567%	32.792567%	166,505.23	13,875.44
** Texarkana, TX	55.733262%	56.152537%	278,220.27	23,185.02
Total Texarkana	88.525829%	88.945104%	444,725.50	37,060.46
Grand Total	100.000000%	100.000000%	500,000.00	41,666.67

Contribution Required for 2023 projects in the LTWSC Capital Improvement Fund = **\$500,000**

*Texarkana, TX took control of Avery's ownership interest

**Texarkana portion allocated betw AR/TX based upon their FY23 Ratio of 37.44%/62.56%

**City of Texarkana, Texas
Proposed Debt Service Rate
Highway 82 Widening Project
9/30/2023**

	<u>Original Ownership %</u>	<u>Revised Ownership %</u>	<u>Allocation of Tex, AR Ownership % to Participating Cities</u>	<u>Annual</u>	<u>Monthly</u>
Member Cities					
New Boston	3.572227%	3.572227%	5.315226%	8,852.84	737.74
Hooks	2.275268%	2.275268%	3.385441%	5,638.66	469.89
DeKalb	2.143895%	2.143895%	3.189967%	5,313.09	442.76
Wake Village	1.632379%	1.632379%	2.428867%	4,045.43	337.12
Maud	1.123658%	1.123658%	1.671925%	2,784.70	232.06
### Avery	0.419275%	0.419275%	0.419275%	761.98	63.50
Annona	0.307469%	0.307469%	0.457493%	761.98	63.50
Total Member Cities	11.474171%	11.054896%	16.448919%	27,396.70	2,283.07
Texarkana					
*** Texarkana, AR	32.792567%	32.792567%	32.792567%	139,159.57	11,596.63
Texarkana, TX	55.733262%	56.152537%	83.551081%	139,159.57	11,596.63
Total Texarkana	88.525829%	56.152537%	83.551081%	139,159.57	11,596.63
Grand Total	100.000000%	67.207433%	100.000000%	166,556.27	13,879.70

Debt Service for 2023 = \$166,556

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

Texarkana, TX took control of Avery's ownership interest

TEXARKANA WATER UTILITIES

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

For the Year Ended September 30, 2021

	<u>Wright Patman</u>	<u>Millwood</u>	<u>Total</u>
Personal Services:			
Management	27,180	27,178	54,358
Supervision	138,911	20,147	159,058
Maintenance & Operations	621,725	184,699	806,425
Overtime	78,455	19,257	97,712
Shift Differential	7,957	35	7,992
Emergency/Disaster Pay	2,653	2,437	5,089
Pay Out-Annual Leave	3,477	0	3,477
Pay Out-Sick Leave	1,117	0	1,117
Pay Out-Comp Time	274	0	274
Pay Out -Post Retirement Insurance	28,274	0	28,274
Temporary Labor	6,449	0	6,449
Accrued Payroll	(61,778)	(12,646)	(74,423)
Longevity	7,932	5,292	13,224
Group Insurance	148,885	36,397	185,282
Accrued Vacation & Sick Leave	(5,879)	1,583	(4,295)
Retirement	148,178	45,322	193,500
Social Security	68,400	20,864	89,265
Workmen's Compensation	27,018	3,271	30,290
Employee Screening	247	0	247
Certification/License Pay	35,282	21,223	56,504
Education & Training	14,171	1,950	16,121
Salary & Benefit Transfers Out	0	0	0
Total Personal Services	1,298,927	377,010	1,675,938
Supplies:			
Office Supplies & Expenses	1,106	77	1,184
Operating Supplies	3,718	4,287	8,005
Botanical Supplies	0	0	0
Safety	45,670	11,222	56,891
Minor Tools	1,995	898	2,893
Wearing Apparel	4,946	956	5,901
Laundry & Janitorial	2,785	1,502	4,287
Lab & Photo Supplies	32,335	3,119	35,454
Printing	428	0	428
Chemicals-Plant	972,760	244,411	1,217,170
Chemicals-Lake	0	0	0
Total Supplies	1,065,742	266,471	1,332,214
Repairs & Maintenance:			
Office Machines & Equipment	0	0	0
Motor Vehicles	19,702	2,606	22,307
Machinery & Equipment	5,599	6,898	12,498
Signal Equipment	19,889	1,368	21,257
Buildings	3,747	6,691	10,438
Water Treatment Equipment	69,161	23,334	92,495
Water Transmission Mains	9,918	1,975	11,894
Tanks & Reservoirs	20,312	950	21,262
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	142,854	43,821	186,675
Contractual Services:			
Accounting & Audit	2,288	1,056	3,344
Communications	8,727	10,914	19,642
Rentals	9,062	314	9,376
Fees & Permits	51,737	48,519	100,256
Freight Charges	0	0	0
Garbage Hauling	2,942	0	2,942
Insurance	46,003	14,675	60,678
Laboratory Services	12,168	223	12,391
Legal Advertising	0	0	0
Maintenance Contracts	6,301	30	6,331
Postage	638	0	638
Power Purchases	371,035	201,292	572,327
Power Purchases-Lake	302,219	0	302,219

TEXARKANA WATER UTILITIES

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

For the Year Ended September 30, 2021

	<u>Wright Patman</u>	<u>Millwood</u>	<u>Total</u>
Special Services	142	15	157
Water Rights	613	153,647	154,261
Total Contractual Services	813,875	430,685	1,244,559
Rounding	0	0	
Subtotals	<u>3,321,398</u>	<u>1,117,988</u>	<u>4,439,386</u>
Chlorine Conversion Costs-TX	0	0	0
Sludge Processing	<u>205,893</u>	<u>293,170</u>	<u>499,063</u>
Total Operating Expenses	3,527,291	1,411,158	4,938,449
Administrative Overhead	<u>231,743</u>	<u>92,713</u>	<u>324,456</u>
Total Operating Expenses With Overhead	<u>3,759,034</u>	<u>1,503,871</u>	<u>5,262,905</u>
Total Gallons of Water Sold - All (Consumption Report)	4,399,071,000	1,237,346,000	5,636,417,000
Actual Cost per 1,000 Gallons (Total Op Exp wOH / Total Gals)	0.8545063	1.2154005	0.9337323

TEXARKANA WATER UTILITIES

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

For the Year Ended September 30, 2021

Wright Patman Millwood Total
TRUE-UP ADJUSTMENT CALCULATION

	Fiscal Year 2021 Billing						
	2021 Water	2021 Infrastructure	2021 Debt Service	2019 True Up	FY 2021 Annual	FY 2021 Monthly	
New Boston	323,195	26,613	8,671	(49,806)	308,674	25,723	
Hooks	155,654	16,951	5,523	1,984	180,112	15,009	
DeKalb	71,950	15,972	5,204	(5,160)	87,966	7,331	
Wake Village	154,455	12,161	3,963	(3,470)	167,109	13,926	
Maud	46,197	8,371	2,728	(3,880)	53,416	4,451	
Avery	16,974	-	-	(2,873)	14,101	1,175	
Annona	6,517	2,291	746	(1,532)	8,022	669	
RWRD	217,528	-	-	(63,334)	154,194	12,850	
	\$992,470	\$82,359	\$26,835	(\$128,071)	\$973,593	\$81,133	

	Fiscal Year 2021 True 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	347,445	323,195	0.930200	335,855	313,599	0.9337323	(9,596)	(799.66)
Hooks	167,333	155,654	0.930200	176,802	165,085	0.9337323	9,431	785.95
DeKalb	77,348	71,950	0.930200	82,106	76,665	0.9337323	4,715	392.92
Wake Village	166,044	154,455	0.930200	150,500	140,527	0.9337323	(13,928)	(1,160.69)
Maud	49,663	46,197	0.930200	45,417	42,407	0.9337323	(3,790)	(315.81)
Avery	18,248	16,974	0.930200	17,488	16,329	0.9337323	(645)	(53.78)
Annona	7,006	6,517	0.930200	9,843	9,191	0.9337323	2,674	222.84
RWRD	233,850	217,528	0.930200	269,929	252,041	0.9337323	34,513	2,876.10
Total	1,066,937	\$992,470		1,087,940	\$1,015,844		\$23,374	\$1,948

filled in

TEXARKANA WATER UTILITIES
MEMBER CITIES BILLING
WRIGHT PATMAN SLUDGE PROCESSING COST
FY 2021 ACTUAL

Composting Costs:

Compost Division Budget Expenses (580):

Personal Services	165,042
Supplies	7,388
Repairs & Maintenance	123,034
Contractual Services	15,869
Total Division Expenses	311,334

Other Labor & Benefits (530):

Operator II (1300 Bldg)	39,463
Plant Mechanic I (1/2)	15,750
Total Other Labor	55,213

Benefit Percentage	X	63.86%
Total Benefit Cost		35,258

Total Other Labor & Benefits	90,471
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Total Composting & Other Labor Costs 401,804

Amount Attributable to Water Treatment

Plant Sludge (TSS):

Wright Patman Solids (Metric Tons)	924,230	
South Regional Influent Solids (Metric Tons)	1,841,310	
Water Treatment TSS Ratio		50.19416%

Total Applicable Compost Costs 201,682

Sludge Chemical Costs:

Total Cost of Polymer	101,802
Water Treatment TSS Ratio	50.19416%

Total Sludge Chemical Costs 51,099

Transportation Costs:

200 Site Pumping Costs (Electrical)	118,118
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Amount Attributable to Water Treatment Plant Waste:

Wright Patman Gallons Wasted (Mil Gallons)	243,583	
South Regional Influent Flows (Mil Gallons)	3,762,100	
Water Treatment Plant Volume Ratio		6.47466%

Total Transportation Costs 7,648

Total Estimated Sludge Processing Costs Applicable to Water Plant 260,429

Less Compost Sales:

Total Compost Sales	108,650
Water Treatment TSS Ratio	50.19416%
Sales Applicable to Water Treatment Plant Sludge	(54,536)

Net Sludge Processing Costs Applicable to Water Plant **205,893**

FY21 Actual Consumption (1000 Gallons)
Oct 2020- Sep 2021

	OCT/ APR	NOV/ MAY	DEC/ JUN	JAN/ JUL	FEB/ AUG	MAR/ SEP	YTD	% OF TOTAL
Oak Grove, TX	1931.530 1595.100	1654.310 1720.510	1782.980 2102.140	1806.430 2644.320	2055.590 2315.770	2314.190 2111.810	24034.680	0.4264%
Redwater, TX	10733.350 8468.800	8485.900 9870.470	9365.700 11509.080	10155.300 13242.540	12145.650 11918.565	9725.200 12620.445	128241.000	2.2752%
Central Bowie County	18052.876 16444.843	14524.926 18148.066	17147.919 23353.299	19307.226 23776.470	21824.860 20601.480	20113.117 20307.810	233602.892	4.1445%
Nash, TX	8361.000 8275.000	7136.000 6641.000	8001.000 8098.000	7283.000 9449.000	8623.000 8801.000	7266.000 8138.000	96072.000	1.7045%
Macedonia Eylau	15872.275 14341.900	13666.032 15810.450	18438.782 17791.905	15035.936 19875.380	21330.500 19104.988	18126.000 18469.928	207864.076	3.6879%
Red River County	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	809.270 86.770	0.360 0.000	896.400	0.0159%
Day & Zimmerman	480.000 530.000	650.000 370.000	1130.000 260.000	3740.000 240.000	8470.000 490.000	1450.000 450.000	18260.000	0.3240%
Leary, TX	1966.020 1425.130	1401.620 1583.430	1632.420 1845.660	1811.560 2442.080	2184.060 2158.620	1353.790 2091.980	21896.370	0.3885%
Mandeville, AR	2732.459 2441.862	2677.222 1932.867	1931.715 2187.694	1982.217 2829.861	48.778 2781.352	2524.617 2443.456	26514.100	0.4704%
Union Water	11422.347 9359.689	9125.074 8869.384	7309.886 9435.008	7124.126 10740.503	5915.144 9309.898	7022.645 9808.079	105441.783	1.8707%
MCPWA	7130.000 4075.000	6315.000 3990.000	4920.000 4670.000	4275.000 6090.000	3700.000 9885.000	3645.000 6535.000	65230.000	1.1573%
RWRD-TAC East	1092.000 2127.000	1662.000 1615.000	2051.000 1214.000	2884.000 2501.000	2575.000 3145.000	2566.000 4699.000	28131.000	0.4991%
Total Wholesale	79773.857 69084.324	67298.084 70551.177	73711.402 82466.786	75404.795 93831.154	89681.852 90598.443	76106.919 87675.508	956184.301	
New Boston, TX	32915.800 23962.880	25756.220 25014.520	26950.180 26107.320	27036.590 30243.200	31665.340 29259.180	28351.280 28592.920	335855.430	5.9587%
Hooks, TX	13312.160 12967.030	11019.570 13970.560	13703.820 14566.060	14207.390 17103.820	20475.530 16086.720	13923.170 15465.750	176801.580	3.1368%
DeKalb, TX	7437.000 6003.000	5699.000 6176.000	6514.000 6381.000	7480.000 7486.000	8374.000 7353.000	6304.000 6899.000	82106.000	1.4567%
Wake Village, TX	13888.000 10189.000	10738.000 11671.000	11927.000 12935.000	11679.000 15750.000	12587.000 14486.000	10969.000 13681.000	150500.000	2.6701%
Maud, TX	5005.000 2782.000	3742.000 4482.000	2892.000 4067.000	3145.000 4399.000	5647.000 3075.000	3084.000 3097.000	45417.000	0.8058%
Avery, TX	1708.800 1354.200	1329.500 1285.700	1414.700 1473.900	1745.400 1536.800	1486.800 1453.800	1225.200 1472.700	17487.500	0.3103%

**FY21 Actual Consumption (1000 Gallons)
Oct 2020- Sep 2021**

	OCT/ APR	NOV/ MAY	DEC/ JUN	JAN/ JUL	FEB/ AUG	MAR/ SEP	YTD	% OF TOTAL
Annona, TX	1089.024 599.537	493.848 625.456	605.860 941.898	817.361 942.225	1306.542 624.964	1023.934 772.673	9843.322	0.1746%
RWRD- (RRAD)	20211.168 17009.546	21322.492 16831.020	17794.900 26059.732	16234.524 33940.606	21634.090 29353.198	19170.904 30366.560	269928.740	4.7890%
Total Member Cities & RWRD	95566.952 74867.193	80100.630 80056.256	81802.460 92531.910	82345.265 111401.651	103176.302 101691.862	84051.488 100347.603	1087939.572	
Total Wholesale, Member Cities & RWRD	175340.809 143951.517	147398.714 150607.433	155513.862 174998.696	157750.060 205232.805	192858.154 192290.305	160158.407 188023.111	2044123.873	
Texarkana, AR	150286.468 79618.637	109867.437 90905.600	92406.022 123642.272	88001.066 136098.327	81338.286 140608.152	130273.635 121921.951	1344967.853	23.8621%
Texarkana, TX	243266.723 168795.247	191089.849 164160.967	154480.116 184620.032	149897.874 218850.868	210120.560 231943.543	121661.958 208430.938	2247318.675	39.8715%
Total Texarkana	393553.191 248413.884	300957.286 255066.567	246886.138 308262.304	237898.940 354949.195	291458.846 372551.695	251935.593 330352.889	3592286.528	
Total All	568894.000 392365.401	448356.000 405674.000	402400.000 483261.000	395649.000 560182.000	484317.000 564842.000	412094.000 518376.000	5636410.401	100.0000%

City of Texarkana, Texas
Proposed Water Cost Recap
9/30/2023

	2023 Annual Cost					2022 Annual Cost	Increase/ (Decrease)
	Water	Infrastructure	Debt Service	2021 True Up	Total	Total	
New Boston	376,014	17,861	8,853	(9,596)	393,132	303,696	89,437
Hooks	216,134	11,376	5,639	9,431	242,580	174,827	67,753
DeKalb	88,089	10,719	5,313	4,715	108,836	94,403	14,433
Wake Village	186,728	8,162	4,045	(13,928)	185,007	146,466	38,540
Maud	46,661	5,618	2,785	(3,790)	51,274	53,144	(1,870)
Avery	22,508	-	-	(645)	21,863	12,695	9,168
Annona	10,503	1,537	762	2,674	15,476	11,447	4,029
Texarkana, AR	1,908,733	166,505			2,075,238	1,837,822	237,416
Texarkana, TX	3,595,066	278,220	139,160		4,012,446	3,549,056	463,390
RWRD	334,143			34,513	368,656	183,174	185,482
	\$ 6,784,578	\$ 500,000	\$ 166,556	\$ 23,374	\$ 7,474,509	\$ 6,366,730	\$ 1,107,779

	2023 Monthly Cost					2022 Monthly Cost	Increase/ (Decrease)
	Water	Infrastructure	Debt Service	2021 True Up	Total	Total	
New Boston	31,335	1,488	738	(800)	32,761	25,308	7,453
Hooks	18,011	948	470	786	20,215	14,569	5,646
DeKalb	7,341	893	443	393	9,070	7,867	1,203
Wake Village	15,561	680	337	(1,161)	15,417	12,206	3,212
Maud	3,888	468	232	(316)	4,273	4,429	(156)
Avery	1,876	-	-	(54)	1,822	1,058	764
Annona	875	128	64	223	1,290	954	336
Texarkana, AR	159,061	13,875			172,937	153,152	19,785
Texarkana, TX	299,589	23,185	11,597		334,370	295,755	38,616
RWRD	27,845			2,876	30,721	15,264	15,457
	\$ 565,382	\$ 41,667	\$ 13,880	\$ 1,948	\$ 622,876	\$ 530,561	\$ 92,315