



RIVERBEND RESOLUTION NO. 20230927-01

**ADOPTING THE FY 2023 MEMBER ENTITIES' TRUE-UP
AND WHOLESALE WATER RATES AND FEES OF THE
TEXARKANA WATER UTILITIES**

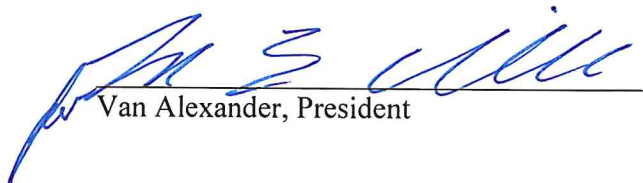
WHEREAS, Riverbend Water Resources District is a conservation and reclamation district created under and essential to accomplish the purposes of Section 59 Article XVI, Texas Constitution, existing pursuant to and having the powers set forth in Chapter 9601 of the Special District Local Laws Code of 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 19, 2023 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.

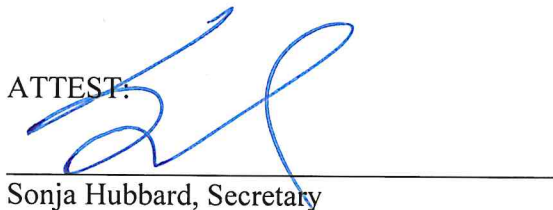
NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Riverbend Water Resources District hereby adopts the FY 2023 Member Entities' True-Up and wholesale water rates and fees of the Texarkana Water Utilities.

PASSED and APPROVED this 27th day of September 2023



Van Alexander, President

ATTEST:



Sonja Hubbard, Secretary

Attached: FY 2023 Member City Rate Calculation



**Member City
Water Rate
Calculation
2024**

City of Texarkana, Texas
Proposed Water Production Rate Assumptions
9/30/2024

Assumptions regarding the 2024 Water Rate:

- 1) The water rate is determined based on the adopted FY 2024 Water Department Budget.
- 2) The administration overhead rate has been calculated using **6.72%** of total budget water production costs using the method approved effective with the FY 2018 budget billing going forward.
- 3) The 2022 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 2024 excludes the amount due to Riverbend. Each City will be responsible for remitting their amount directly to Riverbend.

CALCULATION OF OVERHEAD PERCENTAGE

From FY 2022 Audited Amounts (Periods 1-13)

	2022 Audited Amounts
Admin Divisions:	
Administration 110	510,307
Finance 210	600,745
Engineering 710	73,290
GIS 740	41,672
Information Technology 230	73,265
Total Admin	1,299,279
Other Divisions:	
Customer Service 310	996,179
Water Production 410/420	5,153,321
Water Distribution 620	1,351,070
Sewer Collection 630	1,032,700
Wastewater 530/540	4,213,086
Environmental Services 750	370,126
Information Technology 230	1,047,554
Engineering 710	554,696
GIS 740	315,396
Composting 580	352,862
Operations Admin 610	264,759
Service Center 640,643-646	736,876
Water/Swr Constr 612	984,412
Field Services 330	673,082
Total Other	18,046,120
Total Expenses	19,345,399
Admin % of Total	6.72%

FY22 Audit Amounts:

Oper Div Total	28,981,308
Less:	
Depr	(6,344,844)
Other Expenses	(3,291,066)
Total	19,345,398
Rounding Difference	1

Engineering & GIS Divisions Allocation to OH:

CALCULATION OF OVERHEAD PERCENTAGE

From FY 2022 Audited Amounts (Periods 1-13)

Engineering 710	627,986
GIS 740	<u>357,068</u>
Total	<u>985,054</u>

			Engineering Division 710	GIS Division 740	Total
<u>FY22 Capital Project Hours:</u>					
WP & MW Projects	416	11.6706%	73,290	41,672	114,962
Other Projects	<u>3,149</u>	<u>88.3294%</u>	<u>554,696</u>	<u>315,396</u>	<u>870,092</u>
Total	<u>3,565</u>	<u>100.0000%</u>	<u>627,986</u>	<u>357,068</u>	<u>985,054</u>

Information Technology (IT) Division Allocation to OH:

Information Tech- Division 230	<u>1,120,819</u>
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			Info Tech Division 230
<u>FY22 IT Logged Workorder Hours:</u>			
Division 410	104	5.9633%	
Division 420	<u>10</u>	<u>0.5734%</u>	
Total WP & MW	114	6.5367%	73,265
Other Utility Divisions	<u>1,630</u>	<u>93.4633%</u>	<u>1,047,554</u>
Total	<u>1,744</u>	<u>100.0000%</u>	<u>1,120,819</u>

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT- 410

**FY 23 to
FY 24
Change**

	<i>Actual 21-22</i>	<i>Budget 22-23</i>	<i>Revised 22-23</i>	<i>Budget 23-24</i>	
<u>EXPENDITURES</u>					
Personal Services	1,379,905	1,572,929	1,513,007	1,734,160	
Supplies	1,180,090	1,867,700	1,817,102	1,923,850	
Repairs & Maintenance	253,455	304,725	256,170	285,250	
Contractual Services	719,773	812,288	831,052	838,339	
TOTAL	3,533,223	4,557,642	4,417,331	4,781,599	+ 4.91%

PERSONAL SERVICES

511100	Supervision	145,302	171,750	165,326	166,674	
511111	Management-Regular	24,828	25,065	25,065	27,979	
511113	Management-Incentive	1,838	1,838	1,838	1,838	
511211	Supervision-Reg Pay	102,951	139,847	118,540	131,857	
511212	Supervision-Overtime	15,685	5,000	19,845	5,000	
511411	Maintenance & Oper	653,755	802,578	709,811	926,205	
511412	Overtime	90,050	43,000	91,188	43,000	
511415	Shift Differential	7,702	7,500	7,628	7,500	
511611	Temporary Labor	7,388	5,000	5,000	5,000	
512111	Longevity	7,005	7,386	7,305	7,485	
512112	Group Insurance	154,719	194,818	187,045	211,114	
512114	Retirement	152,479	175,958	169,262	194,525	
512115	Social Security	70,741	81,420	76,207	88,041	
512116	Workmen's Comp	26,177	19,920	29,788	28,616	
512118	Employee Screening	448	400	156	400	
512121	Certification/License Pay	45,765	32,100	43,366	0	
512100	Education & Training	18,374	31,100	20,925	55,600	+ 78.78%
512122	Training-Seminars & Other	500	5,000	1,000	500	
512123	Training-Licenses & Certifica	7,115	12,000	8,800	30,000	
512124	Travel	9,190	10,000	9,425	20,000	
512125	Books & Subscriptions	15	100	25	100	
512126	Dues	1,089	2,000	1,200	3,000	
512127	Licenses	465	2,000	475	2,000	
519999	Salary & Ben Transfer	0	0	0	0	
TOTAL		1,379,905	1,572,929	1,513,007	1,734,160	+ 10.25%

SUPPLIES

521100	Office Supplies	2,975	2,600	1,782	2,650	
521111	Paper	384	500	350	500	
521112	Writing Instruments	93	100	92	150	
521113	Computer Supplies	190	1,000	340	1,000	
521114	Other Off Sup & Exp	2,307	1,000	1,000	1,000	
521200	Operating Supplies	9,818	10,000	10,134	10,000	
521211	Consumable Items	2,420	3,000	2,375	3,000	
521212	Non Consumable Items	7,398	7,000	7,759	7,000	
521400	Safety	19,914	25,100	20,975	25,500	
521411	Personal Protect Equip	924	3,000	700	3,000	

TEXARKANA WATER UTILITIES
WRIGHT PATMAN WATER TREATMENT PLANT- 410

FY 23 to FY 24 Change

		<i>Actual</i> 21-22	<i>Budget</i> 22-23	<i>Revised</i> 22-23	<i>Budget</i> 23-24	
521413	Emergency Response Eq	209	500	100	1,500	
521415	Facilities Maintenance	18,684	20,000	20,000	20,000	
521417	Laboratory & Environ	0	500	0	1,000	
521418	Storage & Handling	0	100	0	0	
521419	Grounds Maintenance	97	1,000	175	0	
521700	Minor Tools	4,216	6,000	4,595	5,000	
521711	Electronic Tools	421	1,000	500	0	
521712	Hand Tools	2,902	3,000	3,000	3,000	
521713	Power Tools	893	2,000	1,095	2,000	
521900	Wearing Apparel	411	7,000	4,980	6,200	
521911	Uniform Cost	411	6,000	4,905	5,700	
521913	All Weather Gear	0	500	50	500	
521919	Other Wearing Apparel	0	500	25	0	
522300	Laundry & Janitorial	4,215	3,500	3,454	3,500	
522312	Janitorial Service	2,668	2,000	2,194	2,000	
522313	Laundry & Jan Supplies	1,548	1,500	1,260	1,500	
522500	Lab & Photo Supplies	47,642	42,000	42,928	41,000	
522511	Lab Supplies	20,355	10,000	10,628	10,000	
522512	Lab Chemicals	27,184	30,000	32,000	31,000	
522513	Lab Equipment Repairs	104	2,000	300	0	
522700	Printing	1,215	1,500	1,245	1,000	
522713	Other Forms	1,053	1,000	1,000	1,000	
522719	Other	162	500	245	0	
522800	Chemicals - Plant	1,089,685	1,762,000	1,719,009	1,821,000	+ 3.35%
522811	Activated Carbon	0	0	0	0	
522812	Anhydrous Ammonia	30,752	50,000	42,703	50,000	
522813	Calcium Hypochlorinate	0	0	0	0	
522815	Caustic Soda	381,718	850,000	722,890	750,000	- 11.76%
522816	Chlorine	134,016	200,000	224,033	250,000	+ 25.00%
522817	Copper Sulphate	0	0	0	0	
522819	Hydrated Lime	0	0	0	0	
522821	Liquid Alum	452,267	550,000	642,680	670,000	+ 21.82%
522822	Polymer	4,692	7,000	3,383	6,000	
522823	Potassium Permanganate	0	0	0	0	
522824	Sodium Chlorite	60,630	60,000	45,000	50,000	- 16.67%
522826	Zinc Ortho Phosphate	25,611	45,000	38,320	45,000	
522827	Sodium Hydroxide	0	0	0	0	
522839	Other	0	0	0	0	
522900	Chemicals - Lake	0	8,000	8,000	8,000	
522914	Carbon	0	7,500	7,500	7,500	
522917	Copper Sulphate	0	500	500	500	
522939	Other	0	0	0	0	
TOTAL		1,180,090	1,867,700	1,817,102	1,923,850	+ 3.01%

REPAIRS & MAINTENANCE

531200	Motor Vehicles	28,067	35,450	24,681	29,400
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TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT- 410

**FY 23 to
FY 24
Change**

		<i>Actual</i> 21-22	<i>Budget</i> 22-23	<i>Revised</i> 22-23	<i>Budget</i> 23-24	
531211	Antifreeze	60	100	75	100	
531212	Batteries	133	400	200	0	
531213	Filters	170	300	150	300	
531214	Fuel	24,372	30,000	21,031	25,000	
531215	Lubricates	447	500	425	500	
531216	Parts	917	1,000	600	1,500	
531217	Tires	1,632	2,000	1,600	2,000	
531218	Labor	0	0	0	0	
531219	Subcontracts	336	1,000	600	0	
531239	Repairs Other	0	150	0	0	
531700	Machinery & Equip	3,090	10,500	2,285	8,800	
531711	Antifreeze	0	100	10	100	
531712	Batteries	124	200	125	500	
531713	Filters	0	200	0	200	
531714	Fuel	1,376	2,000	1,050	2,000	
531715	Lubricates	30	4,000	100	2,000	
531716	Parts	1,307	1,500	325	1,500	
531717	Tires	253	500	175	500	
531718	Labor	0	2,000	500	2,000	
531719	Subcontracts	0	0	0	0	
531739	Repairs Other	0	0	0	0	
531800	Signal Equipment	2,060	10,250	5,000	9,000	
531811	Radios	0	250	0	0	
531812	Telemetry	2,060	10,000	5,000	9,000	
532100	Building	5,197	13,500	7,500	13,500	
532111	Heating & Cooling	0	4,500	1,500	4,500	
532112	Other Building	247	2,000	500	2,000	
532113	Grounds & Parking Lots	4,950	7,000	5,500	7,000	
533100	Water Treatment Equip	98,220	130,000	135,774	125,000	
533111	Intake	15,999	30,000	65,000	30,000	
533112	Plant	76,827	80,000	62,774	80,000	
533113	Booster Stations	5,394	20,000	8,000	15,000	
533200	Water Transmission Mains	110,420	66,000	61,025	68,000	
533211	Raw Water Mains	245	3,000	525	5,000	
533212	Treated Water Mains	2,719	3,000	500	3,000	
533213	Member Cities Mains	107,456	60,000	60,000	60,000	
533600	Tanks & Reservoirs	11,878	44,000	25,357	37,000	
533611	MC Tanks & Reservoirs	7,248	29,000	17,000	25,000	
533612	Other Tanks & Reserv	4,630	15,000	8,357	12,000	
534100	Sewer Equipment R & M	0	500	0	0	
534121	Sewer Instrument R&M	0	500	0	0	
539999	Equipment Apportionment	(5,475)	(5,475)	(5,451)	(5,450)	
TOTAL		253,455	304,725	256,170	285,250	- 6.39%

CONTRACTUAL SERVICES

541111	Accounting & Audit	8,242	5,800	8,090	6,000
541311	Communications	11,814	9,000	11,868	11,000

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT- 410

**FY 23 to
FY 24
Change**

		<i>Actual</i> 21-22	<i>Budget</i> 22-23	<i>Revised</i> 22-23	<i>Budget</i> 23-24	
541700	Rentals	1,499	5,000	3,000	5,000	
541711	Equipment Rental	1,499	5,000	3,000	5,000	
541900	Fees and Permits	51,737	52,000	51,737	51,800	
541911	Water System Serv Fee	51,737	52,000	51,737	51,800	
543111	Garbage Hauling	3,238	3,000	2,700	3,000	
543400	Insurance	45,396	46,000	51,372	52,400	
543411	Property Insurance	38,635	38,600	44,323	45,000	
543412	Liability Insurance	3,607	4,000	3,821	4,000	
543413	Automotive Insurance	3,154	3,400	3,228	3,400	
543600	Laboratory Services	7,721	14,250	6,425	12,000	
543611	State Lab Fees	4,377	750	3,225	2,000	
543612	Commercial Lab Fees	3,259	13,000	3,200	10,000	
543613	Comm Lab Fees-Other	86	500	0	0	
544100	Maintenance Contracts	3,198	12,500	5,200	8,500	
544112	Software	973	7,500	4,500	7,500	
544113	Internet Service	1,520	2,000	0	0	
544119	Other Maint Contract	705	3,000	700	1,000	
544900	Postage	550	1,625	525	1,125	
544911	Postage	6	125	25	125	
544912	Special Delivery	544	1,500	500	1,000	
545200	Power Purchases	325,377	361,000	351,197	360,500	
545211	Electrical	319,095	351,000	340,000	350,000	
545212	Gas	6,282	10,000	11,197	10,500	
545511	Power Purchases - Lake	260,196	300,000	338,000	325,000	+ 8.33%
545700	Special Services	193	1,500	325	1,500	
545712	Pest Control	0	500	150	600	
545719	Other Special Services	193	1,000	175	800	
546311	Water Rights	613	613	613	614	
TOTAL		719,773	812,288	831,052	838,339	+ 3.21%

TOTAL BUDGET	3,533,223	4,557,642	4,417,331	4,781,599	+ 4.91%
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100% Texas

4,781,599

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT- 410

FY 23 to
FY 24
Change

	<i>Actual</i> 21-22	<i>Budget</i> 22-23	<i>Revised</i> 22-23	<i>Budget</i> 23-24
21-22 Actual Exp not included on budget sheet above:				
Pay Out - Annual Leave		2,484		
Pay Out - Comp Time		241		
Pay Out - Post Ret Ins		3,699		
Accrued Payroll		4,948		
Accrued Vacation and Sick		11,259		
		68,856		
Reconciliation:				
Total Actual Exp Above for 21-22		3,533,223		
Additional Expenses for 21-22		68,856		
		3,602,080		
Balance on 2022 True Up Detail (pg 27)		3,602,080		
Difference (Rounding)		(1)		

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT- 420

	<i>Actual</i> 21-22	<i>Budget</i> 22-23	<i>Revised</i> 22-23	<i>Budget</i> 23-24	
EXPENDITURES					
Personal Services	371,961	377,623	377,495	350,220	
Supplies	280,044	667,375	592,985	622,575	
Repairs & Maintenance	91,669	79,325	103,418	92,925	
Contractual Services	791,715	740,783	830,521	843,644	
TOTAL	1,535,389	1,865,106	1,904,420	1,909,364	+ 2.37%

PERSONAL SERVICES

511200	Supervision	26,260	48,233	27,552	30,317	
511111	Management-Regular	24,333	25,065	25,064	27,979	
511113	Management-Incentive	1,838	1,838	1,838	1,838	
511211	Supervision-Regular	0	20,831	400	0	
511212	Supervision-Overtime	89	500	250	500	
511411	Maintenance & Oper	181,014	195,371	199,221	207,614	
511412	Overtime	21,433	5,000	19,721	5,000	
511415	Shift Differential	590	500	30	500	
511611	Temporary Labor	6,556	4,000	4,000	5,000	
512111	Longevity	5,325	2,040	2,565	2,280	
512112	Group Insurance	36,263	30,325	34,904	29,690	
512114	Retirement	42,050	44,603	44,330	41,620	
512115	Social Security	21,207	20,639	20,356	18,837	
512116	Workmen's Comp	2,548	2,763	2,896	2,463	
512118	Employee Screening	51	150	0	0	
512121	Certification/License Pay	27,281	16,000	18,100	0	
512100	Education & Training	1,383	8,000	3,821	6,900	
512123	Training-Licenses & Certific	0	3,500	1,500	3,000	
512124	Travel	992	3,000	2,000	3,000	
512126	Dues	280	1,000	210	500	
512127	Licenses	111	500	111	400	
519999	Salary & Benefit Transfer	0	0	0	0	
TOTAL		371,961	377,623	377,495	350,220	- 7.26%

SUPPLIES

521100	Office Supplies	151	475	300	475	
521111	Paper	0	50	25	50	
521112	Writing Instruments	11	25	25	25	
521113	Computer Supplies	0	200	100	200	
521114	Other	140	200	150	200	
521200	Operating Supplies	4,654	5,500	4,000	5,500	
521211	Consumable Items	2,460	3,000	2,000	3,000	
521212	Non Consumable Items	2,194	2,500	2,000	2,500	
521311	Botanical Supplies	0	0	0	0	
521400	Safety	23,989	22,000	33,550	22,300	
521411	Personal Protect Equip	708	1,000	13,000	1,500	
521413	Emergency Response Eq	0	500	300	400	
521415	Facilities Maintenance	23,281	20,000	20,000	20,000	
521419	Grounds Maintenance	0	500	250	400	
521700	Minor Tools	1,349	2,000	1,625	2,000	
521712	Hand Tools	626	1,000	850	1,000	

TEXARKANA WATER UTILITIES
MILLWOOD WATER TREATMENT PLANT- 420

		<i>Actual</i> 21-22	<i>Budget</i> 22-23	<i>Revised</i> 22-23	<i>Budget</i> 23-24	FY 23 to FY 24 Change
521713	Power Tools	724	1,000	775	1,000	
521900	Wearing Apparel	193	1,700	1,100	1,700	
521911	Uniform Cost	193	1,500	1,000	1,500	
521913	All Weather Gear	0	200	100	200	
522300	Laundry & Janitorial	2,093	1,900	1,900	1,900	
522312	Janitorial Service	1,747	1,500	1,500	1,500	
522313	Laundry & Jan Supplies	347	400	400	400	
522500	Lab & Photo Supplies	974	5,000	3,829	4,000	
522511	Lab Supplies	256	2,000	1,866	2,000	
522512	Lab Chemicals	718	2,000	1,963	2,000	
522513	Lab Equipment Repairs	0	1,000	0	0	
522700	Printing	530	800	500	700	
522719	Other	530	800	500	700	
522800	Chemicals - Plant	246,110	628,000	546,180	584,000	- 7.01%
522811	Activated Carbon	0	0	0	0	
522812	Anhydrous Ammonia	6,913	18,000	15,000	18,000	
522813	Calcium Hypochlorinate	0	0	0	0	
522815	Caustic Soda	98,789	290,000	275,000	255,000	- 12.07%
522816	Chlorine	30,363	100,000	85,000	105,000	+ 5.00%
522817	Copper Sulphate	0	0	0	0	
522819	Hydrated Lime	0	0	0	0	
522821	Liquid Alum	98,365	190,000	150,000	180,000	- 5.26%
522822	Polymer	2,613	10,000	7,000	10,000	
522823	Potassium Permanganate	0	0	0	0	
522824	Sodium Chlorite	0	0	0	0	
522826	Zinc Ortho Phosphate	9,068	15,000	14,180	16,000	
522839	Other Chemicals	0	5,000	0	0	
522914	Chemicals-Carbon	0	0	0	0	
TOTAL		280,044	667,375	592,985	622,575	- 6.71%

REPAIRS & MAINTENANCE

531111	Office Machines & Eq				
531200	Motor Vehicles	3,901	5,200	4,908	5,200
531211	Antifreeze	5	50	10	50
531212	Batteries	93	100	100	100
531213	Filters	5	50	10	50
531214	Fuel	3,714	4,000	3,863	4,000
531215	Lubricates	20	100	25	100
531216	Parts	64	100	100	100
531217	Tires	0	800	800	800
531218	Labor	0	0	0	0
531700	Machinery & Equip	17,194	19,975	19,211	20,575
531711	Antifreeze		50	25	50
531712	Batteries		400	0	0
531713	Filters		25	25	25
531714	Fuel	5,806	6,000	8,411	7,000
531715	Lubricates	7,091	7,500	7,000	7,500
531716	Parts	1,414	3,000	1,000	3,000
531717	Tires		500	250	500
531718	Labor	2,882	2,500	2,500	2,500
531800	Signal Equipment	2,037	2,000	1,000	1,000

TEXARKANA WATER UTILITIES
MILLWOOD WATER TREATMENT PLANT- 420

		<i>Actual</i> 21-22	<i>Budget</i> 22-23	<i>Revised</i> 22-23	<i>Budget</i> 23-24	FY 23 to FY 24 Change
531812	Telemetry	2,037	2,000	1,000	1,000	
532100	Building	1,596	4,000	3,200	4,000	
532111	Heating & Cooling	0	1,500	1,500	1,500	
532112	Other Building	1,596	2,500	1,700	2,500	
532113	Grounds & Parking Lots	0				
533100	Water Treatment Equip	66,697	43,000	74,000	59,000	+ 37.21%
533111	Intake	296	7,000	7,000	7,000	
533112	Plant	66,246	30,000	65,000	50,000	
533113	Booster Station	155	6,000	2,000	2,000	
533200	Water Transmission Mains	245	3,650	600	2,150	
533211	Raw Water Mains	122	150	300	150	
533212	Treated Water Mains	122	3,500	300	2,000	
533600	Tanks & Reservoirs	0	1,500	500	1,000	
533612	Other Tanks & Reserv	0	1,500	500	1,000	
539998	Equipment Utilization	0	0	0	0	
TOTAL		91,669	79,325	103,418	92,925	+ 17.14%

CONTRACTUAL SERVICES

541111	Accounting & Audit	3,804	2,000	4,356	4,000	
541311	Communications	14,365	13,000	12,000	13,000	
541700	Rentals	4,278	2,000	6,000	5,000	
541711	Equipment Rental	4,278	2,000	6,000	5,000	
541900	Fees and Permits	57,248	59,588	59,005	59,050	
541911	Water System Serv Fee	57,238	58,188	58,955	59,000	
541912	Water System Permits	0	400	0	0	
541919	Other Fees & Permits	10	1,000	50	50	
543400	Insurance	17,355	17,295	19,736	19,744	+ 14.16%
543411	Property Insurance	16,092	16,000	18,454	18,462	
543412	Liability Insurance	905	920	917	917	
543413	Automotive Insurance	358	375	365	365	
543600	Laboratory Services	142	500	200	400	
543612	Comm Lab Fees-POTW	142	500	200	400	
544100	Maintenance Contracts	8,958	10,500	9,000	10,000	
544112	Software	8,958	10,000	9,000	10,000	
544113	Internet Service	0	500	0	0	
544912	Special Delivery Service	0	0	0	0	
545200	Power Purchases	214,692	195,000	240,000	250,000	+ 28.21%
545211	Electrical	214,692	195,000	240,000	250,000	
545700	Special Services	8	900	200	450	
545712	Pest Control		500	150	400	
545719	Other Special Services	8	400	50	50	
546311	Water Rights	163,594	165,000	166,374	167,000	
546312	Water Rights-10MG	307,273	275,000	313,650	315,000	100% AR
TOTAL		791,715	740,783	830,521	843,644	+ 13.89%
	Less: Water Rights - 10MG (100% Arkansas)	(307,273)	(275,000)	(313,650)	(315,000)	
		484,442	465,783	516,871	528,644	+ 13.50%

TOTAL BUDGET	1,228,116	1,590,106	1,590,770	1,594,364	+ 0.27%
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TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT- 420

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>21-22</i>	<i>22-23</i>	<i>22-23</i>	<i>23-24</i>

FY 23 to FY 24 Change

100% Arkansas

1,594,364

21-22 Actual Exp not included on budget sheet above:

Pay Out - Annual Leave	4,659
Pay Out - Sick Leave	15,662
Pay Out - Post Retirement Insurance	10,657
Accrued Payroll	1,040
Accrued Vacation and Sick	(22,022)
Accrued Lab & Photo Supplies	610
Accrued Accounting & Audit	1,440
Accrued Chemicals	2,730
Accrued Power Purchases	1,074
	<u>15,851</u>

Reconciliation:

Total Actual Exp Above for 21-22	1,228,116
Additional Expenses for 21-22	15,851
	<u>1,243,966</u>
Balance on 2022 True Up Detail (pg 27)	<u>1,243,967</u>
Difference (Rounding)	(1)

TEXARKANA WATER UTILITIES
MEMBER CITIES BILLING
WRIGHT PATMAN SLUDGE PROCESSING COST
FY 2024 ESTIMATED

Composting Costs:

Compost Division Budget Expenses (580):

Personal Services	237,571
Supplies	11,450
Repairs & Maintenance	133,840
Contractual Services	18,265
Total Division Expenses	401,126

Other Labor & Benefits (530):

Operator II (1300 Bldg)	50,822
Plant Mechanic I (1/2)	19,384
Total Other Labor	70,206

Benefit Percentage	X	52.38%
Total Benefit Cost		36,771

Total Other Labor & Benefits	106,977
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Total Composting & Other Labor Costs	508,103
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Amount Attributable to Water Treatment

Plant Sludge (TSS):

Wright Patman Solids (Metric Tons)	1,160.580
South Regional Influent Solids (Metric Tons)	3,076.680
Water Treatment TSS Ratio	37.72183%

Total Applicable Compost Costs	191,666
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Sludge Chemical Costs:

Total Cost of Polymer	160,000
Water Treatment TSS Ratio	37.72183%

Total Sludge Chemical Costs	60,355
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Transportation Costs:

200 Site Pumping Costs (Electrical)	81,302
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Amount Attributable to Water Treatment Plant Waste:

Wright Patman Gallons Wasted (Mil Gallons)	241.745
South Regional Influent Flows (Mil Gallons)	3,552.800
Water Treatment Plant Volume Ratio	6.80435%

Total Transportation Costs	5,532
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Total Estimated Sludge Processing Costs Applicable to Water Plant	257,553
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Less Compost Sales:

Total Compost Sales (Estimated)	117,800
Water Treatment TSS Ratio	37.72183%
Sales Applicable to Water Treatment Plant Sludge	(44,436)

Net Sludge Processing Costs Applicable to Water Plant	213,117
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TEXARKANA WATER UTILITIES
LTWSC Capital Improvement Fund

		Actual FY 2022	Proposed FY 2023	Revised FY 2023	Proposed FY 2024
BEGINNING BALANCE		650,787	770,995	783,954	148,243
REVENUE					
Member Cities		60,801	55,274	55,274	71,856
Transfers from Arkansas		189,419	166,506	166,506	235,131
Transfers from Texas		299,781	278,220	278,220	343,013
Interest Income		9,004	5,414	31,350	31,350
Miscellaneous		0	850	600	500
TOTAL REVENUE		559,005	506,264	531,950	681,850
TOTAL FUNDS AVAILABLE		1,209,793	1,277,259	1,315,904	830,093
EXPENDITURES					
MCC Control Panel Replacement (incl engineering)	L122102	181,745	0	0	0
SCADA Upgrade-Patman	L122103	22,240	0	0	0
Influent Valve & Actuator	L122104	114,731	0	0	0
#4 Low Svc. Pump/Motor	L122105	8,918	0	0	0
Repl. 1/2T Pickup	L122107	350	0	0	0
Fiber Storage Shed	L122109	3,000	0	30	0
WP WTP Parking Lot/Rd Repair	L122201	0	80,000	80,000	0
Install Vents-3.0 MG Clearwells	L122203	22,200	0	0	0
Repair outside of GST's-NB, Hooks, Dekalb	L122204	0	50,000	50,000	0
Chlorine CL17 Analyzer/Controllers	L122205	8,280	0	0	0
2 Gate Controllers	L122206	9,100	0	0	0
Roof Repair Chemical Building	L122207	10,410	0	0	0
Replace Chemical Building Windows	L122208	7,720	0	0	0
EIM Electric Motor Operator	L122209	13,945	0	0	0
EIM Actuators-Annona & Avery	L122210	22,475	0	4,658	0
2 PLC's for Member Cities	L122211	0	0	33,405	0
#2 Low Service Valve/Actuator	L122212	0	0	24,268	0
PC Replacements	L122213	725	0	0	0
Enclose MCC Room/AC	L122214	0	0	20,932	0
Upgrade #4 High Service Pump	L122301	0	170,000	0	0
Replace #1 Low Service Pump & Motor	L122302	0	190,000	190,000	0
SCADA Central Bowie WSC	L122303	0	75,000	0	0
TxDot Hwy 82 Widening from US 259 to IH 30	L122304				
Relocate 10" Water Line		0	275,000	275,000	0
Basin Wiring	L122305	0	15,000	0	15,000
4mA to 20mA Control Wiring Upgrade	L122306	0	10,000	0	10,000
Fire Resistant Uniforms	L122307	0	4,000	4,000	0
Electrical Tools	L122308	0	15,000	6,097	0
Clearwell Circulation	L122309	0	12,000	0	12,000
Allen Bradley Licensing	L122310	0	9,000	9,000	0
3rd Floor Office Repairs	L122311	0	13,000	0	0
Electrical Work-TX Tanks	L122312	0	20,000	20,000	0
Trash Pump for Avery	L122313	0	4,000	4,000	0
Ventrac Mower	L122314	0	35,000	35,000	0
#3 High Service Motor	L122315	0	50,000	42,937	0
(3) West Side Flocculators	L122316	0	20,000	0	20,000
Member City PLC Upgrade	L122317	0	28,000	28,000	0
Caustic Injection Mixer	L122318	0	20,000	0	0
#3 Low Service Pump/Motor Rebuild	L122319	0	75,000	0	0
(3) Air Valves for Raw Line	L122320	0	45,000	45,000	0
Filter Plant Building Repairs	L122321	0	25,000	25,000	0

TEXARKANA WATER UTILITIES

LTWSC Capital Improvement Fund

		<i>Actual FY 2022</i>	<i>Proposed FY 2023</i>	<i>Revised FY 2023</i>	<i>Proposed FY 2024</i>
Admin Air Conditioning	L122322	0	10,000	10,800	0
#4 Low Service VFD Replacement	L122323	0	0	165,280	0
30" Intake Repair	L122324	0	0	26,561	0
Enclosed Trailer for Electrical Supplies	L122325	0	0	8,314	0
New Boston Pump Station Upgrade		0	0	59,378	225,000
Replace Windows in Filter Building		0	0	0	40,000
Construct Shop Building (Electrical/Storage)		0	0	0	50,000
Construct Low Service MCC VFD Building		0	0	0	45,000
Low Service Pump & Motor Rebuild		0	0	0	125,000
High Service Pump & Motor Rebuild		0	0	0	125,000
Incubator for Lab		0	0	0	10,000
Replace (1) 4WD Crew Truck		0	0	0	55,000
Replace (1) 1/2T Truck		0	0	0	40,000
Back Door Awning for Admin Building		0	0	0	10,000
TOTAL EXPENDITURES		425,838	1,250,000	1,167,661	782,000
ENDING BALANCE		783,954	27,259	148,243	48,093

TREATED WATER BY PLANT (000's)
FYE 9/30/23

	<u>Wright Patman</u>	<u>Millwood</u>	<u>Total</u>	
JUL 2022	471,968	188,490	660,458	
AUG 2022	422,630	132,657	555,287	
SEP 2022	409,082	102,706	511,788	
OCT 2022	413,456	81,505	494,961	
NOV 2022	388,038	9,006	397,044	
DEC 2022	409,843	21,988	431,831	
JAN 2023	335,882	40,540	376,422	
FEB 2023	331,393	18,178	349,571	
MAR 2023	271,511	107,506	379,017	
APR 2023	247,019	144,270	391,289	
MAY 2023	-	476,401	476,401	
JUN 2023	348,064	218,782	566,846	
	<hr/>	<hr/>	<hr/>	
Total Gallons-Prior 12 Mos.	4,048,886	1,542,029	5,590,915	<u>MW %</u> 27.58%
Projected FY23 Ending Plant Usage	3,902,236	1,688,679 *	5,590,915	30.20%

**Used 4 Year Average of MW Usage Instead of Projected FY22 Actual %*

Millwood Plant Usage:

Revised Estimated FY23 (4yr Avg)	30.20%
Estimated FY23	28.13%
FY22 Actual	23.79%
FY21 Actual	21.95%
FY20 Actual	47.92%
FY19 Actual	27.15%

FY24 Estimated Consumption (1000 Gallons)
Oct 2022- Jun 2023 (with Jul- Sept 2022 Estimated)

	Estimated based on July- Sept 2022							% OF TOTAL
	OCT/ APR	NOV/ MAY	DEC/ JUN	JAN/	FEB/	MAR/		
				JUL	AUG	SEP		
Oak Grove, TX	2145.810 1234.510	1643.760 1841.150	1809.900 1924.330	1624.560 3155.470	1210.740 2404.900	1471.610 1834.130	22300.870	0.3989%
Redwater, TX	10466.800 6724.450	7767.450 10608.750	9217.450 10341.350	9058.350 15955.250	6795.300 12693.550	8893.900 9792.250	118314.850	2.1162%
Central Bowie County	21635.378 13157.599	18634.157 21799.925	17601.436 19217.702	15649.757 30484.229	16495.513 23251.850	17406.369 22609.876	237943.791	4.2559%
Nash, TX	9202.000 6352.000	7695.000 9157.000	8620.000 7237.000	8778.000 9569.000	8128.000 9468.000	8626.000 8832.000	101664.000	1.8184%
Macedonia Eylau	20136.023 16662.077	19375.389 20369.356	21797.793 19210.131	20229.356 22586.412	15580.477 20031.820	20076.335 17700.136	233755.305	4.1810%
Red River County	0.000 80.020	23.290 237.110	567.660 96.770	406.870 2164.530	64.690 1096.260	161.800 0.010	4899.010	0.0876%
Day & Zimmerman	200.000 1150.000	630.000 510.000	790.000 1160.000	810.000 240.000	2160.000 800.000	1540.000 2200.000	12190.000	0.2180%
Leary, TX	2036.140 1189.220	1810.560 2005.700	2274.720 1768.440	3814.630 2472.470	1214.940 2012.440	1634.610 2250.730	24484.600	0.4379%
Mandeville, AR	2418.982 2015.292	1856.228 2521.713	2283.632 2987.615	3755.458 3313.746	769.259 2482.926	1620.646 2978.975	29004.472	0.5188%
Union Water	8440.340 7856.129	6632.207 9300.298	8281.511 11827.879	12906.144 12472.285	3640.839 7949.370	6396.307 8277.389	103980.698	1.8598%
MCPWA	7930.000 5465.000	4620.000 8650.000	4065.000 7645.000	2820.000 9530.000	6610.000 10410.000	6780.000 8250.000	82775.000	1.4805%
RWRD-TAC East	1660.000 1679.000	1739.000 1729.000	1961.000 1660.000	2196.000 1576.000	1811.000 1869.000	1739.000 1467.000	21086.000	0.3771%
Total Wholesale	86271.473 63565.297	72427.041 88730.002	78970.102 85076.217	82049.125 113519.392	64480.758 94470.116	76346.577 86192.496	992098.596	
New Boston, TX	29993.580 19880.000	26255.000 26328.000	23655.000 28238.000	26180.000 31282.060	20485.000 27923.500	22353.000 27798.660	310371.800	5.5514%
Hooks, TX	15383.000 9242.000	13910.000 13710.000	16518.000 17636.000	13428.000 17796.000	10134.000 15181.000	12471.000 14089.000	169498.000	3.0317%
DeKalb, TX	6530.000 4259.210	5207.000 6073.400	6276.000 6176.000	5884.000 7452.000	4791.000 6978.300	5958.390 6050.700	71636.000	1.2813%
Wake Village, TX	13308.000 9210.000	11107.000 13788.000	11555.000 12695.000	11959.000 19306.000	9811.000 14405.000	12038.000 12374.000	151556.000	2.7108%
Maud, TX	3718.000 2256.000	3349.000 3867.000	3631.000 4630.000	3432.000 5585.000	2811.000 4053.000	3088.000 4295.000	44715.000	0.7998%
Avery, TX	1772.100 1077.700	1543.600 1459.400	1482.000 1320.800	1416.000 1911.500	1133.500 1666.800	1383.100 1370.900	17537.400	0.3137%

FY24 Estimated Consumption (1000 Gallons)
Oct 2022- Jun 2023 (with Jul- Sept 2022 Estimated)

	OCT/ APR	NOV/ MAY	DEC/ JUN	Estimated based on July- Sept 2022			YTD	% OF TOTAL
				JAN/ JUL	FEB/ AUG	MAR/ SEP		
Annona, TX	858.049 1493.698	993.377 2256.930	1176.031 1146.852	1351.933 1179.061	996.912 1236.306	974.801 759.292	14423.242	0.2580%
RWRD- (RRAD)	17614.286 13844.170	14532.174 16124.870	17516.016 20190.890	16690.118 24213.116	12819.006 22001.476	16690.754 18737.256	210974.132	3.7735%
Total Member Cities & RWRD	89177.015 61262.778	76897.151 83607.600	81809.047 92033.542	80341.051 108724.737	62981.418 93445.382	74957.045 85474.808	990711.574	
Total Wholesale, Member Cities & RWRD	175448.488 124828.075	149324.192 172337.602	160779.149 177109.759	162390.176 222244.129	127462.176 187915.498	151303.622 171667.304	1982810.170	
Texarkana, AR	120079.590 101164.995	93210.609 116368.078	110328.808 152038.633	106438.025 174478.064	63733.137 207907.319	89424.537 141695.259	1476867.054	26.4155%
Texarkana, TX	199432.922 165295.930	154509.199 187695.320	160723.043 237697.608	107593.799 263735.807	158375.687 159464.183	138288.841 198425.437	2131237.776	38.1197%
Total Texarkana	319512.512 266460.925	247719.808 304063.398	271051.851 389736.241	214031.824 438213.871	222108.824 367371.502	227713.378 340120.696	3608104.830	
Total All	494961.000 391289.000	397044.000 476401.000	431831.000 566846.000	376422.000 660458.000	349571.000 555287.000	379017.000 511788.000	5590915.000	100.0055%

City of Texarkana, Texas
Proposed Water Production Rate By Plant

9/30/2024

	<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	1,734,160		1,734,160	350,220		350,220	2,084,380
Supplies	1,923,850		1,923,850	622,575		622,575	2,546,425
Repairs & Maintenance	285,250		285,250	92,925		92,925	378,175
Contractual Services	838,339		838,339	528,644		528,644	1,366,983
Subtotal	4,781,599	-	4,781,599	1,594,364	-	1,594,364	6,375,963
Sludge Costs	-	191,666	191,666		-	-	191,666
Chlorine Conversion-TX	-	15,000	15,000		-	-	15,000
Sludge Chemical/Transp Cost		65,887	65,887		-	-	65,887
Composting Revenue	-	(44,436)	(44,436)	-	-	-	(44,436)
Subtotal	-	228,117	228,117	-	-	-	228,117
Administration Costs 6.72%	321,323	15,329	336,653	107,141	-	107,141	443,794
Total Water Production Cost	5,102,922	243,446	5,346,369	1,701,506	-	1,701,506	7,047,874
Estimated Gallons By Plant			3,902,236			1,688,679	5,590,915
Estimated Cost Per 1,000 Gal			1.3701			1.0076	1.2606
			LWP			MW	Total
			Prior Year	1.3300		1.0144	1.2341

City of Texarkana, Texas
Proposed Water Production Rate
9/30/2024

Water Production <u>(both lakes)</u>	Amount As Budgeted <u>2024</u>	
Total Gallons	5,590,915	(in thousands)
* Total Cost	7,047,874	
Water Rate	1.2606	(per thousand) 2.15% Increase
<i>Prior Year Water Rate</i>	1.2341	

* 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 - **6.72%** of the sum of 1, 2 and 3 as listed above
- 5) Chlorine Conversion Costs-TX \$15,000 budgeted for FY24

City of Texarkana, Texas
Proposed Water Production Rate By City
9/30/2024

		Water Rate Calculation			
		ANNUAL	MONTHLY		
	<i>(in thousands)</i>				<i>(in thousands)</i>
	2024 Budgeted Gallons as Estimated by the Water Department	Budgeted Cost Total as Estimated by the Water Department	Estimated 2024 Water Rate	Monthly Billing - Water Cost Only	Monthly Gallons
New Boston	310,372	391,253	1.2606	32,604	25,864
Hooks	169,498	213,668	1.2606	17,806	14,125
Dekalb	71,636	90,304	1.2606	7,525	5,970
Wake Village	151,556	191,051	1.2606	15,921	12,630
Maud	44,715	56,367	1.2606	4,697	3,726
Avery	17,537	22,108	1.2606	1,842	1,461
Annona	14,423	18,182	1.2606	1,515	1,202
Total	779,737	982,932	1.2606	81,911	64,977
Texarkana, AR	1,692,627	2,133,716	1.2606	177,810	141,052
Texarkana, TX	2,907,576	3,665,273	1.2606	305,439	242,298
RWRD	210,974	265,953	1.2606	22,163	17,581
Total	4,811,178	6,064,942	1.2606	505,412	400,931
Total All Cities	5,590,915	7,047,874	1.2606	587,323	465,909

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
9/30/2024

Member Cities	Original Ownership %	Revised Ownership %	Annual	Monthly
New Boston	3.572227%	3.572227%	23,219.48	1,934.96
Hooks	2.275268%	2.275268%	14,789.24	1,232.44
DeKalb	2.143895%	2.143895%	13,935.32	1,161.28
Wake Village	1.632379%	1.632379%	10,610.46	884.21
Maud	1.123658%	1.123658%	7,303.78	608.65
* Avery	0.419275%			
Annona	0.307469%	0.307469%	1,998.55	166.55
Total Member Cities	11.474171%	11.054896%	71,856.83	5,988.09
Texarkana				
** Texarkana, AR	32.792567%	32.792567%	235,130.83	19,594.24
** Texarkana, TX	55.733262%	56.152537%	343,012.34	28,584.36
Total Texarkana	88.525829%	88.945104%	578,143.17	48,178.60
Grand Total	100.000000%	100.000000%	650,000.00	54,166.69

Contribution Required for 2024 projects in the LTWSC Capital Improvement Fund = **\$650,000**

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

**Texarkana portion allocated between AR/TX based upon their FY24 Ratio of 40.67/59.33%

City of Texarkana, Texas
Proposed Debt Service Rate
Highway 82 Widening Project
9/30/2024

Member Cities	Original Ownership %	Revised Ownership %	Allocation of Tex, AR Ownership % to Participating Cities	Annual	
				Annual	Monthly
New Boston	3.572227%	3.572227%	5.315226%	8,657.51	721.46
Hooks	2.275268%	2.275268%	3.385441%	5,514.25	459.52
DeKalb	2.143895%	2.143895%	3.189967%	5,195.86	432.99
Wake Village	1.632379%	1.632379%	2.428867%	3,956.17	329.68
Maud	1.123658%	1.123658%	1.671925%	2,723.25	226.94
### Avery	0.419275%				
Annona	0.307469%	0.307469%	0.457493%	745.17	62.10
Total Member Cities	11.474171%	11.054896%	16.448919%	26,792.21	2,232.69
Texarkana					
*** Texarkana, AR	32.792567%				
Texarkana, TX	55.733262%	56.152537%	83.551081%	136,089.07	11,340.76
Total Texarkana	88.525829%	56.152537%	83.551081%	136,089.07	11,340.76
Grand Total	100.000000%	67.207433%	100.000000%	162,881.28	13,573.45

Debt Service for 2024 = \$162,881

*** 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 (Audi

For the Year Ended September 30, 2022

	Wright Patman	Millwood	Total
Personal Services:			
Management	26,665	26,171	52,836
Supervision	102,951	89	103,040
Maintenance & Operations	653,755	181,014	834,770
Overtime	105,735	21,433	127,168
Shift Differential	7,702	590	8,292
Emergency/Disaster Pay	0	0	0
Pay Out-Annual Leave	2,484	4,659	7,143
Pay Out-Sick Leave	0	15,662	15,662
Pay Out-Comp Time	241	0	241
Pay Out -Post Retirement Insurance	3,699	10,657	14,356
Temporary Labor	7,388	6,556	13,944
Accrued Payroll	4,948	1,040	5,988
Longevity	7,005	5,325	12,330
Group Insurance	154,719	36,263	190,982
Accrued Vacation & Sick Leave	11,259	(22,022)	(10,763)
Retirement	152,479	42,050	194,529
Social Security	70,741	21,207	91,948
Workmen's Compensation	26,177	2,548	28,725
Employee Screening	448	51	499
Certification/License Pay	45,765	27,281	73,045
Education & Training	18,374	1,383	19,757
Salary & Benefit Transfers Out	0	0	0
Total Personal Services	1,402,536	381,957	1,784,494
Supplies:			
Office Supplies & Expenses	2,975	151	3,125
Operating Supplies	9,818	4,654	14,472
Botanical Supplies	0	0	0
Safety	19,914	23,989	43,903
Minor Tools	4,216	1,349	5,565
Wearing Apparel	411	193	604
Laundry & Janitorial	4,215	2,093	6,309
Lab & Photo Supplies	47,642	1,584	49,226
Printing	1,215	530	1,745
Chemicals-Plant	1,089,685	248,841	1,338,526
Chemicals-Lake	0	0	0
Total Supplies	1,180,090	283,385	1,463,475
Repairs & Maintenance:			
Office Machines & Equipment	0	0	0
Motor Vehicles	28,067	3,901	31,968
Machinery & Equipment	3,090	17,194	20,284
Signal Equipment	2,060	2,037	4,096
Buildings	5,197	1,596	6,792
Water Treatment Equipment	98,220	66,697	164,917
Water Transmission Mains	110,420	245	110,664
Tanks & Reservoirs	11,878	0	11,878
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	253,455	91,669	345,124
Contractual Services:			
Accounting & Audit	11,362	5,244	16,606
Communications	11,814	14,365	26,178
Rentals	1,499	4,278	5,777
Fees & Permits	51,737	57,248	108,984
Freight Charges	0	0	0
Garbage Hauling	3,238	0	3,238
Insurance	45,396	17,355	62,751
Laboratory Services	7,721	142	7,863
Legal Advertising	0	0	0
Maintenance Contracts	3,198	8,958	12,156
Postage	550	0	550
Power Purchases	334,765	215,765	550,530
Power Purchases-Lake	293,913	0	293,913

TEXARKANA WATER UTILITIES

WRIGHT PATMAN AND MILLWOOD WATER TREATMENT OPERATING EXPENSES - ACTUAL (Audi

For the Year Ended September 30, 2022

	<u>Wright Patman</u>	<u>Millwood</u>	<u>Total</u>
Special Services	193	8	200
Water Rights	613	163,594	164,207
Total Contractual Services	765,999	486,956	1,252,954
Rounding	0	0	
Subtotals	3,602,080	1,243,967	4,846,048
Chlorine Conversion Costs-TX	13,321	0	13,321
Sludge Processing	186,786	0	186,786
Total Operating Expenses	3,802,187	1,243,967	5,046,155
Administrative Overhead	255,507	83,595	339,102
Total Operating Expenses With Overhead	4,057,694	1,327,562	5,385,257
 Total Gallons of Water Sold - All (Consumption Report)	 4,253,699,000	 1,328,101,000	 5,581,800,000
Actual Cost per 1,000 Gallons (Total Op Exp wOH / Total Gals)	0.9539214	0.9995943	0.9647885

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

For the Year Ended September 30, 2022

	<u>Wright Patman</u>	<u>Millwood</u>	<u>Total</u>
TRUE-UP ADJUSTMENT CALCULATION			

	Fiscal Year 2022, 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	344,491	345,969	1.004300	303,600	292,910	0.9647885	(53,059)	(4,421.58)
Hooks	169,867	170,596	1.004300	173,547	167,436	0.9647885	(3,160)	(263.35)
DeKalb	84,682	85,045	1.004300	70,123	67,654	0.9647885	(17,391)	(1,449.26)
Wake Village	148,893	149,532	1.004300	153,477	148,073	0.9647885	(1,459)	(121.60)
Maud	48,612	48,821	1.004300	41,172	39,722	0.9647885	(9,099)	(758.23)
Avery	17,496	17,571	1.004300	18,725	18,065	0.9647885	494	41.21
Annona	10,672	10,718	1.004300	9,345	9,016	0.9647885	(1,702)	(141.81)
RWRD	273,334	274,506	1.004300	242,054	233,530	0.9647885	(40,976)	(3,414.63)
Total	1,098,047	\$1,102,758		1,012,043	\$976,407		(\$126,351)	(\$10,529)

TEXARKANA WATER UTILITIES
MEMBER CITIES BILLING
WRIGHT PATMAN SLUDGE PROCESSING COST
FY 2022 ACTUAL

Composting Costs:

Compost Division Budget Expenses (580):

Personal Services	190,126
Supplies	7,208
Repairs & Maintenance	135,956
Contractual Services	16,740
Total Division Expenses	350,030

Other Labor & Benefits (530):

Operator II (1300 Bldg)	42,400
Plant Mechanic I (1/2)	18,645
Total Other Labor	61,045

Benefit Percentage	X	45.80%
Total Benefit Cost		27,957

Total Other Labor & Benefits	89,002
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Total Composting & Other Labor Costs 439,032

Amount Attributable to Water Treatment

Plant Sludge (TSS):

Wright Patman Solids (Metric Tons)	1,066.120	
South Regional Influent Solids (Metric Tons)	2,507.060	
Water Treatment TSS Ratio		42.52471%

Total Applicable Compost Costs 186,697

Sludge Chemical Costs:

Total Cost of Polymer	110,688
Water Treatment TSS Ratio	42.52471%

Total Sludge Chemical Costs 47,070

Transportation Costs:

200 Site Pumping Costs (Electrical)	81,302
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Amount Attributable to Water Treatment Plant Waste:

Wright Patman Gallons Wasted (Mil Gallons)	13.285	
South Regional Influent Flows (Mil Gallons)	2,822.600	
Water Treatment Plant Volume Ratio		0.47067%

Total Transportation Costs 383

Total Estimated Sludge Processing Costs Applicable to Water Plant 234,150

Less Compost Sales:

Total Compost Sales	111,381	
Water Treatment TSS Ratio	42.52471%	
Sales Applicable to Water Treatment Plant Sludge		(47,364)

Net Sludge Processing Costs Applicable to Water Plant 186,786

FY22 Actual Consumption (1000 Gallons)
Oct 2021 - Sep 2022

	OCT/ APR	NOV/ MAY	DEC/ JUN	JAN/ JUL	FEB/ AUG	MAR/ SEP	YTD	% OF TOTAL
Oak Grove, TX	2571.530 2071.860	2298.060 2574.380	2019.180 2254.230	2374.260 3155.470	2098.550 2404.900	2188.410 1834.130	27844.960	0.4997%
Redwater, TX	9683.650 8603.050	8256.700 10391.300	8477.750 11871.850	8335.650 15955.250	7599.550 12693.550	8503.350 9792.250	120163.900	2.1566%
Central Bowie County	18201.420 17941.676	15758.922 20383.613	16086.643 22983.578	14030.880 30484.229	14640.209 23251.850	17011.768 22609.876	233384.664	4.1887%
Nash, TX	8007.000 7560.000	7266.000 9124.000	8069.000 10122.000	8123.000 9569.000	7019.000 9468.000	7473.000 8832.000	100632.000	1.8061%
Macedonia Eylau	17578.409 18126.823	15455.871 18784.304	16926.160 19443.724	18434.661 22586.412	17071.577 20031.820	18958.021 17700.136	221097.918	3.9682%
Red River County	0.000 0.000	0.000 0.000	0.000 218.880	0.000 2164.530	0.000 1096.260	0.000 0.010	3479.680	0.0625%
Day & Zimmerman	440.000 440.000	2180.000 360.000	1230.000 370.000	6370.000 240.000	1150.000 800.000	810.000 2200.000	16590.000	0.2977%
Leary, TX	1938.030 1542.540	1737.650 1588.600	1830.700 1793.440	1478.980 2472.470	1414.260 2012.440	1553.710 2250.730	21613.550	0.3879%
Mandeville, AR	2996.775 2096.480	2257.844 2817.704	1890.825 2425.949	1930.075 3240.756	1923.137 2482.926	1648.306 2978.975	28689.752	0.5149%
Union Water	9701.012 7788.502	7086.553 9135.339	8320.985 9700.618	8102.117 12197.565	6710.102 7949.370	7590.649 8277.389	102560.201	1.8407%
MCPWA	9610.000 5130.000	8430.000 7195.000	8520.000 6180.000	4580.000 9530.000	5445.000 10410.000	6130.000 8250.000	89410.000	1.6047%
RWRD-TAC East	3176.000 1279.000	2861.000 1321.000	1404.000 1576.000	2904.000 1576.000	2101.000 1869.000	1422.000 1467.000	22956.000	0.4120%
Total Wholesale	83903.826 72579.931	73588.600 83675.240	74775.243 88940.269	76663.623 113171.682	67172.385 94470.116	73289.214 86192.496	988422.625	
New Boston, TX	26560.470 22387.240	20927.690 25048.800	23268.510 29842.740	23408.860 31282.060	21691.370 27923.500	23460.330 27798.660	303600.230	5.4489%
Hooks, TX	15196.696 13210.000	15583.055 13702.000	13703.820 13341.000	14122.090 17796.000	13151.000 15181.000	14471.000 14089.000	173546.661	3.1147%
DeKalb, TX	5498.000 4927.000	5615.000 6373.000	5926.000 4858.000	5396.000 7452.000	5417.000 6978.300	5632.000 6050.700	70123.000	1.2585%
Wake Village, TX	12594.000 11778.000	10855.000 13350.000	10977.000 14525.000	11865.000 19306.000	10046.000 14405.000	11402.000 12374.000	153477.000	2.7545%
Maud, TX	3052.000 2719.000	3937.000 3071.000	2316.000 3566.000	3200.000 5585.000	2787.000 4053.000	2591.000 4295.000	41172.000	0.7389%
Avery, TX	1487.900 1656.600	1469.100 1580.600	1598.300 1693.100	1546.700 1911.500	1208.300 1666.800	1535.000 1370.900	18724.800	0.3361%

FY22 Actual Consumption (1000 Gallons)
Oct 2021- Sep 2022

	OCT/ APR	NOV/ MAY	DEC/ JUN	JAN/ JUL	FEB/ AUG	MAR/ SEP	YTD	% OF TOTAL
Annona, TX	803.612 558.132	736.716 625.722	657.641 654.505	806.517 1179.061	734.673 1236.306	593.127 759.292	9345.304	0.1677%
RWRD- (RRAD)	22138.022 16542.166	22499.756 25114.572	16286.818 20572.238	19870.656 24213.116	16199.564 22001.476	17877.888 18737.256	242053.528	4.3443%
Total Member Cities & RWRD	87330.700 73778.138	81623.317 88865.694	74734.089 89052.583	80215.823 108724.737	71234.907 93445.382	77562.345 85474.808	1012042.523	
Total Wholesale, Member Cities & RWRD	171234.526 146358.069	155211.917 172540.934	149509.332 177992.852	156879.446 221896.419	138407.292 187915.498	150851.559 171667.304	2000465.148	
Texarkana, AR	109859.756 95093.441	90404.880 120581.555	105228.352 137009.444	96361.004 170634.934	83102.125 207907.319	94646.010 141695.259	1452524.079	26.0692%
Texarkana, TX	188601.718 151534.490	165973.184 168860.511	167490.316 203934.704	156023.550 257926.647	135156.583 159464.183	147419.431 198425.437	2118810.754	38.0274%
Total Texarkana	298461.474 246627.931	256378.083 307442.066	272718.668 340944.148	252384.554 428561.581	218258.708 367371.502	242065.441 340120.696	3571334.852	
Total All	469696.000 392986.000	411590.000 479983.000	422228.000 518937.000	409264.000 650458.000	356666.000 555287.000	392917.000 511788.000	5571800.000	99.9999%

City of Texarkana, Texas
Proposed Water Cost Recap
9/30/2024

	2024 Annual Cost				2023 Annual Cost	Increase/ (Decrease)
	Water	Infrastructure	Debt Service	2022 True Up	Total	
New Boston	391,253	23,219	8,658	(53,059)	393,132	(23,062)
Hooks	213,668	14,789	5,514	(3,160)	242,580	(11,769)
DeKalb	90,304	13,935	5,196	(17,391)	108,837	(16,793)
Wake Village	191,051	10,610	3,956	(1,459)	185,007	19,151
Maud	56,367	7,304	2,723	(9,099)	51,274	6,022
Avery	22,108	-	-	494	21,863	739
Annona	18,182	1,999	745	(1,702)	15,476	3,748
Texarkana, AR	2,133,716	235,131	-	-	2,075,238	293,609
Texarkana, TX	3,665,273	343,012	136,089	-	4,012,446	131,929
RWRD	265,953	-	-	(40,976)	368,656	(143,679)
	\$ 7,047,874	\$ 650,000	\$ 162,881	\$ (126,351)	\$ 7,474,509	\$ 259,896

	2024 Monthly Cost				2023 Monthly Cost	Increase/ (Decrease)
	Water	Infrastructure	Debt Service	2022 True Up	Total	
New Boston	32,604	1,935	721	(4,422)	32,761	(1,922)
Hooks	17,806	1,232	460	(263)	20,215	(981)
DeKalb	7,525	1,161	433	(1,449)	9,070	(1,399)
Wake Village	15,921	884	330	(122)	15,417	1,596
Maud	4,697	609	227	(758)	4,273	502
Avery	1,842	-	-	41	1,822	62
Annona	1,515	167	62	(142)	1,290	312
Texarkana, AR	177,810	19,594	-	-	172,937	24,467
Texarkana, TX	305,439	28,584	11,341	-	334,371	10,994
RWRD	22,163	-	-	(3,415)	30,721	(11,973)
	\$ 587,323	\$ 54,167	\$ 13,573	\$ (10,529)	\$ 622,876	\$ 21,658