



RESOLUTION NO. 20150922-19

RESOLUTION ACCEPTING 2016 WATER RATES WITH CITY OF TEXARKANA, TEXAS.

WHEREAS, TexAmericas Center is a political subdivision of the State of Texas with the powers and authorities specified in Chapter 3503 of the Special District Local Laws Code of the State of Texas; and

WHEREAS, the Board of Directors approved the execution of water supply agreement with the City of Texarkana, Texas (Resolution #20110726-17, as amended); and

WHEREAS, the parties are required by the agreement to come to terms on rates prior to the beginning of each fiscal year; and

WHEREAS, the City of Texarkana, Texas has presented the operational rate calculation, true up and capital budgets for the following fiscal year (attached).

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of TexAmericas Center accepts the rate construction process and resulting rate for fiscal year 2016.

PASSED AND APPROVED THIS 22nd day of September, 2015.



Denis Washington, Chairman of the Board

ATTEST:



Boyd Sartin, Secretary-Treasurer

Attached: City of Texarkana, Texas 2016 Member City Water Rate Calculation Presented 9/03/2015

City of Texarkana, Texas
Proposed Water Production Rate Assumptions
9/30/2016

Assumptions regarding the 2016 Water Rate:

- 1) The water rate is determined based on the adopted FY 2016 Water Department Budget.
- 2) The administration overhead rate has been calculated using 5% of total budget water production costs.
- 3) The 2014 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 2016 excludes the amount due to Riverbend. Each City will be responsible for remitting their amount directly to Riverbend.
- 8) True up of the in-kind contribution cost to the Hwy 82 Water Line project is not included in the actual water rate. Actions related are pending decision by the Member City group as to how to incorporate the credits.
- 9) Corps of Engineers Cost?

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT

Div No. 410

	<i>Actual</i> <i>13-14</i>	<i>Budget</i> <i>14-15</i>	<i>Revised</i> <i>14-15</i>	<i>Budget</i> <i>15-16</i>
EXPENDITURES				
Personal Services	1,056,695	1,358,073	1,115,303	1,259,452
Supplies	825,589	892,650	842,536	875,960
Repairs & Maintenance	89,947	126,360	184,382	202,882
Contractual Services	556,373	552,015	548,825	573,733
Capital Outlay	0	0	0	0
TOTAL	2,528,604	2,929,098	2,691,046	2,912,027

PERSONAL SERVICES

511100	Supervision	113,130	189,170	138,661	147,301
511111	Management-Regular	0	34,120	0	23,163
511113	Management-Incentive		5,250	0	1,838
511211	Supervision-Reg Pay	106,633	140,300	124,686	117,300
511212	Supervision-Overtime	4,070	5,000	10,364	5,000
511214	Supervision-Standby	2,427	4,500	3,611	0
511411	Maintenance & Oper	507,155	649,954	508,148	622,881
511412	Overtime	85,159	43,000	85,913	43,000
511414	Standby	4,954	4,000	4,154	0
511415	Shift Differential	6,971	7,500	7,500	7,500
511523	Payout-Comp Time	0	0	1,159	0
511611	Temporary Labor	3,999	4,000	26,924	10,000
511811	Stipend	0	0	0	0
512111	Longevity	8,826	8,784	7,008	6,252
512112	Group Insurance	104,923	183,276	123,282	184,070
512114	Retirement	130,036	150,407	125,833	132,723
512115	Social Security	55,835	68,858	57,570	63,260
512116	Workmen's Comp	21,202	18,926	17,816	17,115
512117	Unemployment	0	0	0	0
512118	Employee Screening	5	348	500	500
512121	Incentive	360	500	500	500
512100	Education & Training	14,140	29,350	24,350	24,350
512122	Seminars	262	300	300	300
512123	Training Schools	5,443	13,000	13,000	13,000
512124	Travel	6,015	11,000	6,000	6,000
512125	Books & Subscriptions	0	50	50	50
512126	Dues	1,643	2,000	2,000	2,000
512127	Licenses	777	3,000	3,000	3,000
512128	Awards & Certificates				
519999	Salary & Ben Transfer	0		(14,015)	
TOTAL		1,056,695	1,358,073	1,115,303	1,259,452

TEXARKANA WATER UTILITIES**WRIGHT PATMAN WATER TREATMENT PLANT**

Div No. 410

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>	
	<i>13-14</i>	<i>14-15</i>	<i>14-15</i>	<i>15-16</i>	
SUPPLIES					
521100	Office Supplies	724	3,000	1,750	2,750
521111	Paper	143	250	200	200
521112	Writing Instruments	17	50	50	50
521113	Computer Supplies	236	2,000	1,000	2,000
521114	Other Off Sup & Exp	328	700	500	500
521115	Minor Software				
521200	Operating Supplies	5,015	6,000	6,000	6,000
521211	Consumable Items	4,119	4,500	4,500	4,500
521212	Non Consumable Items	896	1,500	1,500	1,500
521311	Botanical Supplies	0	50	50	50
521400	Safety	9,208	12,250	13,226	14,300
521411	Personal Protect Equip	518	3,000	1,500	3,000
521413	Emergency Response Eq	520	750	926	500
521415	Facilities Maintenance	7,730	7,500	10,000	10,000
521417	Laboratory & Environ	95	500	500	500
521418	Storage & Handling	345	200	100	100
521419	Grounds Maintenance	0	300	200	200
521700	Minor Tools	2,085	2,400	3,900	5,500
521711	Electronic Tools	54	400	400	2,000
521712	Hand Tools	1,109	1,000	2,000	2,000
521713	Power Tools	922	1,000	1,500	1,500
521900	Wearing Apparel	7,407	8,400	8,400	8,400
521911	Uniform Cost				
521912	Uniform Maintenance	7,363	7,900	7,900	7,900
521913	All Weather Gear	44	500	500	500
521919	Other Wearing Apparel				
522300	Laundry & Janitorial	2,835	3,500	3,110	3,110
522311	Laundry Service				
522312	Janitorial Service	1,524	1,500	1,610	1,610
522313	Laundry & Jan Supplies	1,311	2,000	1,500	1,500
522500	Lab & Photo Supplies	27,449	27,000	30,250	34,000
522511	Lab Supplies	2,981	5,000	2,500	2,500
522512	Lab Chemicals	23,414	20,500	27,000	30,000
522513	Lab Equipment Repairs	1,054	1,500	750	1,500
522521	Photo Supplies & Exp				
522700	Printing	806	550	350	350
522711	Stationery				
522712	Billing Forms				
522713	Other Forms	806	300	100	100
522719	Other	0	250	250	250

TEXARKANA WATER UTILITIES**WRIGHT PATMAN WATER TREATMENT PLANT**

Div No. 410

		<i>Actual</i> <i>13-14</i>	<i>Budget</i> <i>14-15</i>	<i>Revised</i> <i>14-15</i>	<i>Budget</i> <i>15-16</i>
522800	Chemicals - Plant	756,750	808,000	764,000	780,000
522811	Activated Carbon				
522812	Anhydrous Ammonia	21,430	23,000	20,000	20,000
522813	Calcium Hypochlorinate				
522815	Caustic Soda	301,545	300,000	300,000	300,000
522816	Chlorine	49,118	50,000	50,000	50,000
522817	Copper Sulphate		0	0	
522819	Hydrated Lime				
522821	Liquid Alum	300,964	325,000	300,000	300,000
522822	Polymer		10,000	2,000	10,000
522823	Potassium Permanganate				
522824	Sodium Chlorite		10,000	2,000	10,000
522826	Zinc Ortho Phosphate	23,920	25,000	25,000	25,000
522827	Sodium Hydroxide				
522839	Other	59,773	65,000	65,000	65,000
522900	Chemicals - Lake	13,310	21,500	11,500	21,500
522914	Carbon	7,320	20,000	10,000	20,000
522916	Chlorine	5,990			
522917	Copper Sulphate	0	1,500	1,500	1,500
522939	Other				
TOTAL		825,589	892,650	842,536	875,960

REPAIRS & MAINTENANCE

531111	Office Machines & Eq				
531200	Motor Vehicles	23,358	26,250	25,250	25,250
531211	Antifreeze	86	100	100	100
531212	Batteries	0	400	400	400
531213	Filters	414	250	250	250
531214	Fuel	18,668	20,000	20,000	20,000
531215	Lubricates	426	400	400	400
531216	Parts	3,241	2,500	2,000	2,000
531217	Tires	0	1,500	1,500	1,500
531218	Labor	83	100	100	100
531219	Subcontracts	187	500	200	200
531221	Towing				
531239	Repairs Other	253	500	300	300
531700	Machinery & Equip	5,422	6,500	6,500	6,500
531711	Antifreeze	0	100	100	100
531712	Batteries	0	200	200	200
531713	Filters	76	100	100	100
531714	Fuel	1,717	4,000	3,000	3,000

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT

Div No. 410

		<i>Actual</i> <i>13-14</i>	<i>Budget</i> <i>14-15</i>	<i>Revised</i> <i>14-15</i>	<i>Budget</i> <i>15-16</i>
531715	Lubricates	100	100	100	100
531716	Parts	2,506	1,000	1,000	1,000
531717	Tires	963	500	1,500	1,500
531718	Labor	60	500	500	500
531719	Subcontracts				
531739	Repairs Other				
531800	Signal Equipment	1,047	2,500	2,500	3,500
531811	Radios	359	500	500	500
531812	Telemetry	688	2,000	2,000	3,000
532100	Building	2,913	3,500	3,500	4,000
532111	Heating & Cooling	1,655	2,000	2,000	2,000
532112	Other Building	979	1,000	1,000	1,500
532113	Grounds & Parking Lots	279	500	500	500
533100	Water Treatment Equip	28,465	42,000	85,000	107,000
533111	Intake	3,006	10,000	40,000	60,000
533112	Plant	18,074	25,000	40,000	40,000
533113	Booster Stations	7,385	7,000	5,000	7,000
533200	Water Transmission Mains	3,424	20,500	21,500	21,500
533211	Raw Water Mains	156	4,000	4,000	4,000
533212	Treated Water Mains	932	1,500	2,500	2,500
533213	Member Cities Mains	2,336	15,000	15,000	15,000
533500	Fire Hydrants	0	0	0	0
533511	Fire Hydrants				
533512	Fire Hydrants-LTWSC				
533600	Tanks & Reservoirs	30,298	30,000	45,000	40,000
533611	MC Tanks & Reservoirs	20,566	15,000	30,000	20,000
533612	Other Tanks & Reserv	9,732	15,000	15,000	20,000
534100	Sewer Equipment R & M	465	600	600	600
534121	Sewer Instrument R&M	465	600	600	600
533711	Sludge Pond Maintenance				
539999	Equipment Apportionment	(5,445)	(5,490)	(5,468)	(5,468)
TOTAL		89,947	126,360	184,382	202,882

CONTRACTUAL SERVICES

541111	Accounting & Audit	0	4,000	4,000	4,000
541311	Communications	10,565	14,000	15,000	14,000
541700	Rentals	4,316	2,000	2,000	2,000
541711	Equipment Rental	4,316	2,000	2,000	2,000
541712	Building Rental				
541900	Fees and Permits	36,239	37,100	37,100	37,100
541911	Water System Serv Fee	35,484	35,500	35,500	35,500

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT

Div No. 410

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>13-14</i>	<i>14-15</i>	<i>14-15</i>	<i>15-16</i>
541912 Water System Permits	0	500	500	500
541919 Other Fees & Permits	755	1,100	1,100	1,100
541931 Fines & Penalties				
542411 Freight Charges				
543111 Refuse Hauling	1,946	2,000	2,000	2,000
543400 Insurance	37,914	43,500	37,402	38,220
543411 Property Insurance	30,722	36,250	30,194	31,000
543412 Liability Insurance	4,528	4,535	4,215	4,220
543413 Automotive Insurance	2,664	2,715	2,993	3,000
543600 Laboratory Services	6,505	8,000	10,000	10,000
543611 State Lab Fees	0	0	0	0
543612 Commercial Lab Fees	6,505	8,000	8,000	8,000
543613 Comm Lab Fees-Other	0	0	2,000	2,000
543900 Legal	0	0	0	0
543911 Legal Advertising				
543913 Attorney Fees				
544100 Maintenance Contracts	3,901	7,000	7,000	7,000
544111 Computer				
544112 Software	3,901	4,000	4,000	4,000
544119 Other Equipment	0	3,000	3,000	3,000
544900 Postage	696	600	510	600
544911 Postage	0		10	
544912 Special Delivery	696	600	500	600
545200 Power Purchases	272,426	233,000	258,000	258,000
545211 Electrical	265,052	225,000	250,000	250,000
545212 Gas	7,374	8,000	8,000	8,000
545511 Power Purchases - Lake	181,252	200,000	175,000	200,000
545700 Special Services	0	200	200	200
545711 One Call Services				
545712 Pest Control	0	200	200	200
545719 Other Special Services				
546311 Water Rights	613	615	613	613
TOTAL	556,373	552,015	548,825	573,733

TEXARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT PLANT

Div No. 410

	<i>Actual 13-14</i>	<i>Budget 14-15</i>	<i>Revised 14-15</i>	<i>Budget 15-16</i>
CAPITAL OUTLAY				
551114 Machinery & Equipment				
551115 Communications Equip				
TOTAL	0	0	0	0
TOTAL BUDGET	2,528,604	2,929,098	2,691,046	2,912,027
100% Texas				2,912,027

13-14 Actual Exp not included on budget sheet above:	
Pay Out - Annual Leave	3,943
Pay Out - Post Ret Ins	2,484
Pay Out - Sick Leave	23,069
Accrued Payroll	4,212
Accrued Vacation and Sick	(5,598)
Accrued Group Insurance	85
Accrued Other Chemicals	5,862
Accrued Subcontracts	15
Accrued Accounting & Audit	3,000
Accrued Electrical	6,710
Accrued Power Purchases Lake	24,098
	<u>67,879</u>
Reconciliation	
Total Actual Exp Above for 13-14	2,528,604
Additional Expenses for 13-14	67,879
	<u>2,596,483</u>
Balance on True Up 2014 Tab	2,596,483
Difference (Rounding)	0

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT

Div No. 420

	<i>Actual</i> <i>13-14</i>	<i>Budget</i> <i>14-15</i>	<i>Revised</i> <i>14-15</i>	<i>Budget</i> <i>15-16</i>
<u>EXPENDITURES</u>				
Personal Services	295,006	250,888	286,217	300,424
Supplies	177,783	145,700	211,900	213,500
Repairs & Maintenance	56,778	63,700	73,726	70,900
Contractual Services	625,054	618,865	623,888	623,870
Capital Outlay	0	0	0	0
TOTAL	1,154,621	1,079,153	1,195,731	1,208,694

PERSONAL SERVICES

511200	Supervision	21,379	9,530	14,063	49,001
511111	Management-Regular	0	0	0	32,641
511113	Management Incentive				1,838
511211	Supervision-Regular	18,994	8,530	11,600	13,522
511212	Supervision-Overtime	1,716	500	1,963	500
511214	Supervision - Standby	669	500	500	500
511411	Maintenance & Oper	164,570	150,317	163,781	150,817
511412	Overtime	20,123	5,000	15,000	5,000
511415	Shift Differential	527	500	500	0
511523	Payout- Comp Time	118	0	0	0
511611	Temporary Labor	0	0	0	0
511811	Stipend	0	0	0	0
512111	Longevity	2,478	3,528	3,528	3,996
512112	Group Insurance	30,446	33,634	34,372	35,418
512114	Retirement	37,106	28,342	32,897	33,515
512115	Social Security	15,362	12,975	15,061	15,974
512116	Workmen's Comp	2,533	2,888	2,500	2,703
512118	Employee Screening	0	174	0	0
512121	Incentive	0	0	0	0
512100	Education & Training	364	4,000	4,515	4,000
512122	Seminars			315	
512123	Training Schools	125	2,000	2,200	2,000
512124	Travel	40	1,000	1,000	1,000
512125	Books & Subscriptions				
512126	Dues		500	500	500
512127	Licenses	199	500	500	500
512128	Awards & Certificates				
TOTAL		295,006	250,888	286,217	300,424

SUPPLIES

521100	Office Supplies	132	700	700	700
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TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT

Div No. 420

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>13-14</i>	<i>14-15</i>	<i>14-15</i>	<i>15-16</i>
521111 Paper	14	50	50	50
521112 Writing Instruments	0	50	50	50
521113 Computer Supplies	0	400	300	300
521114 Other	118	200	300	300
521115 Minor Software Licenses				
521200 Operating Supplies	1,361	2,800	1,500	1,500
521211 Consumable Items	827	2,000	1,000	1,000
521212 Non Consumable Items	534	800	500	500
521311 Botanical Supplies	0	50	50	50
521400 Safety	3,204	3,000	2,700	4,500
521411 Personal Protect Equip	131	400	400	2,000
521413 Emergency Rcsponse Eq	439	600	300	300
521415 Facilities Maintenance	1,738	2,000	2,000	2,000
521417 Laboratory & Environ				
521418 Storage & Handling	896			
521419 Grounds Maintenance				200
521700 Minor Tools	640	800	600	700
521711 Electronic Tools				
521712 Hand Tools	640	300	300	300
521713 Power Tools	0	500	300	400
521900 Wearing Apparel	1,875	1,150	1,850	2,050
521911 Uniform Cost				
521912 Uniform Maintenance	1,875	1,100	1,800	2,000
521913 All Weather Gear		50	50	50
521919 Other Wearing Apparel				
522300 Laundry & Janitorial	2,398	2,300	2,300	2,300
522311 Laundry Service				
522312 Janitorial Service	2,054	2,000	2,000	2,000
522313 Laundry & Jan Supplies	344	300	300	300
522500 Lab & Photo Supplies	5,222	5,500	6,000	5,500
522511 Lab Supplies	1,575	2,000	1,000	1,000
522512 Lab Chemicals	3,317	3,000	4,500	4,000
522513 Lab Equipment Repairs	330	500	500	500
522521 Photo Supplies & Exp				
522700 Printing	19	400	200	200
522711 Stationery				
522712 Billing Forms				
522713 Other Forms	19			
522719 Other	0	400	200	200
522800 Chemicals - Plant	162,932	129,000	196,000	196,000

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT

Div No. 420

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>13-14</i>	<i>14-15</i>	<i>14-15</i>	<i>15-16</i>
522811 Activated Carbon				
522812 Anhydrous Ammonia	8,007	10,000	10,000	10,000
522813 Calcium Hypochlorinate				
522815 Caustic Soda				
522816 Chlorine	25,158	20,000	20,000	20,000
522817 Copper Sulphate				
522819 Hydrated Lime	27,767	20,000	35,000	35,000
522821 Liquid Alum	85,315	65,000	95,000	95,000
522822 Polymer				
522823 Potassium Permanganate				
522824 Sodium Chlorite				
522826 Zinc Ortho Phosphate	16,685	14,000	16,000	16,000
522839 Other Chemicals			20,000	20,000
522914 Chemicals-Carbon				
TOTAL	177,783	145,700	211,900	213,500

REPAIRS & MAINTENANCE

531111 Office Machines & Eq				
531200 Motor Vehicles	3,940	2,600	2,800	2,800
531211 Antifreeze	0	100	50	50
531212 Batteries	0	100	100	100
531213 Filters	52	50	50	50
531214 Fuel	3,777	2,200	2,000	2,000
531215 Lubricates	111	150	150	150
531216 Parts	0	0	50	50
531217 Tires	0	0	400	400
531218 Labor				
531219 Subcontract				
531239 Other				
531700 Machinery & Equip	19,182	13,850	19,676	14,850
531711 Antifreeze		50	50	50
531712 Batteries	86	200	200	200
531713 Filters	5	50	50	50
531714 Fuel	13,687	11,000	15,000	12,000
531715 Lubricates	524	50	150	50
531716 Parts	4,880	2,000	2,000	2,000
531717 Tires		500	500	500
531718 Labor				
531719 Subcontract			1,726	
531739 Other				

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT

Div No. 420

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>13-14</i>	<i>14-15</i>	<i>14-15</i>	<i>15-16</i>
531800 Signal Equipment	2,419	1,000	1,000	1,000
531811 Radios				
531812 Telemetry	2,419	1,000	1,000	1,000
532100 Building	2,783	2,250	6,250	2,250
532111 Heating & Cooling	493	1,000	5,000	1,000
532112 Other Building	2,290	1,250	1,250	1,250
532113 Grounds & Parking Lots				
533100 Water Treatment Equip	18,511	32,000	32,000	38,000
533111 Intake	0	10,000	10,000	10,000
533112 Plant	15,595	18,000	18,000	18,000
533113 Booster Station	2,916	4,000	4,000	10,000
533200 Water Transmission Mains	1,479	3,000	3,000	3,000
533211 Raw Water Mains				
533212 Treated Water Mains	1,479	3,000	3,000	3,000
533213 Member Cities Mains				
533500 Fire Hydrants	0	0	0	0
533511 Fire Hydrants				
533512 Fire Hydrants-LTWSC				
533600 Tanks & Reservoirs	8,464	8,000	8,000	8,000
533611 MC Tanks & Reservoirs				
533612 Other Tanks & Reserv	8,464	8,000	8,000	8,000
533711 Sludge Pond Maintenance	0	1,000	1,000	1,000
539998 Equipment Utilization				
TOTAL	56,778	63,700	73,726	70,900

CONTRACTUAL SERVICES

541111 Accounting & Audit	0	0	2,000	2,000
541311 Communications	7,284	6,500	8,707	8,710
541700 Rentals	0	0	0	0
541711 Equipment Rental				
541712 Building Rental				
541900 Fees and Permits	46,143	43,000	44,400	44,400
541911 Water System Serv Fee	42,073	42,000	42,000	42,000
541912 Water System Permits			1,400	1,400
541919 Other Fees & Permits	950	1,000	1,000	1,000
541923 Wastewater Permit	3,120			
543400 Insurance	12,847	12,865	12,233	12,260
543411 Property Insurance	11,373	11,380	11,101	11,120
543412 Liability Insurance	804	810	750	755
543413 Automotive Insurance	670	675	382	385

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT

Div No. 420

	<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
	<i>13-14</i>	<i>14-15</i>	<i>14-15</i>	<i>15-16</i>
543600 Laboratory Services	493	1,000	1,000	1,000
543611 State Lab Fees				
543612 Comm Lab Fees-POTW	493	1,000	1,000	1,000
543613 Comm Lab Fees-Other				
544100 Maintenance Contracts	0	0	0	0
544111 Computer				
544112 Software				
544119 Other Equipment				
544911 Postage				
544912 Special Delivery Service	23	0	30	0
545200 Power Purchases	214,857	200,000	200,000	200,000
545211 Electrical	214,857	200,000	200,000	200,000
545212 Gas				
545511 Power Purchases - Lake				
545700 Special Services	0	300	318	300
545711 One Call Services				
545712 Pest Control	0	300	300	300
545719 Other Special Services	0	0	18	0
546311 Water Rights	153,406	165,000	165,000	165,000
546312 Water Rights - 10MG	190,001	190,200	190,200	190,200
TOTAL	625,054	618,865	623,888	623,870
Less: Water Rights - 10MG (100% Arkansas)	(190,001)	(190,200)	(190,200)	(190,200)
REVISED TOTAL	435,053	428,665	433,688	433,670
CAPITAL OUTLAY				
551111 Office Furn & Equipment				
551114 Machinery & Equipment				
551115 Communications				
TOTAL	0	0	0	0
TOTAL BUDGET	964,620	888,953	1,005,531	1,018,494
100% Arkansas				<u>1,018,494</u>

TEXARKANA WATER UTILITIES

MILLWOOD WATER TREATMENT PLANT

Div No. 420

<i>Actual</i>	<i>Budget</i>	<i>Revised</i>	<i>Budget</i>
<i>13-14</i>	<i>14-15</i>	<i>14-15</i>	<i>15-16</i>

13-14 Actual Exp not included on budget sheet above:

Pay out Annual Leave	0
Pay out Sick Leave	0
Pay out Post Retirement Insurance	7,029
Accrued Payroll	(62)
Accrued Vacation and Sick	4,189
Accrued Group Insurance	18
Accrued Consumable Supplies	37
Accrued Facilities Maintenance	366
Accrued Other Chemicals	1,965
Accrued Other Building	90
Accrued Booster Station	43
Accrued Accounting & Audit	1,800
Accrued Electrical	(1,763)
	13,712

Reconciliation

Total Actual Exp Above for 13-14	964,620
Additional Expenses for 13-14	13,712
	978,332
Balance on True Up 2014 Tab	978,332
Difference (Rounding)	(0)

TEXARKANA WATER UTILITIES
MEMBER CITIES BILLING
WRIGHT PATMAN SLUDGE PROCESSING COST
FY 2016 ESTIMATED

Composting Costs:

Compost Division Budget Expenses (580):

Personal Services	161,314
Supplies	6,140
Repairs & Maintenance	136,390
Contractual Services	16,326
Capital Outlays	0
Total Division Expenses	<u>320,170</u>

Other Labor & Benefits (530):

Operator II (1300 Bldg)	34,041
Plant Mechanic I (1/2)	15,103
Total Other Labor	<u>49,144</u>

Benefit Percentage	X	<u>52.86%</u>
Total Benefit Cost		<u>25,978</u>

Total Other Labor & Benefits	<u>75,122</u>
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Total Composting & Other Labor Costs	<u>395,292</u>
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Amount Attributable to Water Treatment

Plant Sludge (TSS):

Wright Patman Solids (Metric Tons)	1,168.960	
South Regional Influent Solids (Metric Tons)	1,766.220	
Water Treatment TSS Ratio		<u>66.18428%</u>

Total Applicable Compost Costs	<u>261,621</u>
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Sludge Chemical Costs:

Total Cost of Polymer	95,000
Water Treatment TSS Ratio	<u>66.18428%</u>

Total Sludge Chemical Costs	<u>62,875</u>
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Transportation Costs:

200 Site Pumping Costs (Electrical)	85,647
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Amount Attributable to Water Treatment Plant Waste:

Wright Patman Gallons Wasted (Mil Gallons)	249.747	
South Regional Influent Flows (Mil Gallons)	3,224.530	
Water Treatment Plant Volume Ratio		<u>7.74522%</u>

Total Transportation Costs	<u>6,634</u>
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Total Estimated Sludge Processing Costs Applicable to Water Plant	<u>331,130</u>
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Less Compost Sales:

Total Compost Sales (Estimated)	86,337
Water Treatment TSS Ratio	<u>66.18428%</u>
Sales Applicable to Water Treatment Plant Sludge	<u>(57,142)</u>

Net Sludge Processing Costs Applicable to Water Plant	<u><u>273,988</u></u>
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TEXARKANA WATER UTILITIES

Millwood Water Treatment Plant Depreciation Fund

	<i>Actual FY 2014</i>	<i>Proposed FY 2015</i>	<i>Revised FY 2015</i>	<i>Proposed FY 2016</i>
BEGINNING BALANCE	1,286,649	1,098,791	1,285,240	1,164,980
REVENUE				
Transfer from Revenues	50,000	103,000	103,000	280,967
Interest Income	643	359	55	0
TOTAL REVENUE	50,643	103,359	103,055	280,967
TOTAL FUNDS AVAILABLE	1,337,292	1,202,150	1,388,295	1,445,947
EXPENDITURES				
Sludge Pond Cleaning	1,806	100,000	159,500	
Repipe Clearwell & Baffling		550,000	0	550,000
Paint Bridge Pipework		75,000	0	225,000
Chemical Building Roof Replacement		80,000	0	80,000
Basin Repair	12,000	50,000	0	100,000
Security Enhancement	5,681	25,000	0	10,000
Raw Water Aeration Improvements		25,000	0	20,000
Lime Machine Replacement (2)		19,000	0	19,000
Generator for Hwy 71/108 Valve	17,065			
Alum Feed Pump	3,500			
Filter Rehab- Phases I- III	12,000	20,000	20,000	
Storage Building		11,500	0	11,500
Replace Ammoniator		12,470	13,125	
Replace Flocculator Drives		26,039	20,375	
Replace Chlorinators		50,000	0	50,000
Replace Jar Test Mixer		3,204	3,045	
Scott SCBA Safety Equip-Emerg Repl.			7,270	
Filter Rehab- Phases IV- VII				45,000
Rebuild HS Pump/ Motor				80,000
Replace Mixed Gas Detector				1,200
Replace Caustic Pumps/ Drives				10,000
Caustic Tank				18,500
Soils Testing				5,000
TOTAL EXPENDITURES	52,062	1,047,213	223,315	1,225,200
ENDING BALANCE	1,285,240	154,937	1,164,980	220,747
Transfers from Revenue:				
Texas Percentage (X .9533)	62.19%	61.83%	61.83%	62.95%
Arkansas Share	20,357	42,289	42,289	112,358
Arkansas Additional Contributions				
Texas Share	29,643	60,711	60,711	168,609
Total	50,000	103,000	103,000	280,967
Ending Balances:				
Arkansas	909,267	154,891	901,282	220,513
Texas	375,973	46	263,698	234
Total	1,285,240	154,937	1,164,980	220,747

**TREATED WATER BY PLANT
FYE 9/30/15**

	<u>Wright Patman</u>	<u>Millwood</u>	<u>Total</u>
AUG 2014	483,553	132,976	616,529
SEPT 2014	424,782	109,343	534,125
OCT 2014	382,012	111,507	493,519
NOV 2014	337,178	76,922	414,100
DEC 2014	313,256	86,691	399,947
JAN 2015	298,847	124,724	423,571
FEB 2015	175,273	195,041	370,314
MAR 2015	331,402	124,951	456,353
APR 2015	315,866	100,143	416,009
MAY 2015	216,717	186,927	403,644
JUNE 2015	377,428	56,517	433,945
JULY 2015	428,655	137,120	565,775
	<hr/>	<hr/>	<hr/>
Total Est Gal for FY 15	<u>4,084,969</u>	<u>1,442,862</u>	<u>5,527,831</u>

TEXARKANA WATER UTILITIES

LTWSC Capital Improvement Fund

	Actual FY 2014	Proposed FY 2015	Revised FY 2015	Proposed FY 2016
BEGINNING BALANCE	848,077	877,368	852,064	761,433
REVENUE				
Member Cities	49,747	44,219	44,219	64,742
Transfers from Arkansas	152,954	135,802	135,802	192,996
Transfers from Texas	218,318	219,980	219,980	327,912
Interest Income	3,683	4,400	3,300	3,300
Insurance Proceeds	1,756		21,348	
Proceeds from Salvaged Hwy 82 Water Line			254,441	
Miscellaneous	919		403	
TOTAL REVENUE	427,377	404,400	679,492	588,950
TOTAL FUNDS AVAILABLE	1,275,454	1,281,768	1,531,556	1,350,383
EXPENDITURES				
Security Enhancements		25,000	0	
Raw Water Station Upgrade		100,000	0	
Repair Clearwell Tops	15,180	381,438	284,606	
Upgrade SCADA System		30,000	4,000	26,000
Backwash Tank Interior Painting	146	65,000	65,000	
Valve Insertion - 36"	843			
Pump Starter/ Switch Gear (HS)		100,000	0	
Rebuild HS Pump		70,000	37,500	80,000
Replace Valves and Piping	9,189			
ADA Upgrade to Shop Building		50,000	0	50,000
Hwy 98 Crossing, 16" Water Line/Valve	238			
Generator for New Boston Booster Station	57,178			
Rehab West Basin		65,000	0	65,000
Raw Water Line Cleaning and Inspection		150,000	0	150,000
Reloc 42" Treated Wtr Line	287,270			
Replace #4 Flocculator	4,548			
Tractor with Front End Loader and Cutter	27,575			
Portable Generator	1,040			
Portable Welder	3,428			
Butterfly Valve w/K-Tork Actuator- High Svc Pump	10,918			
Insurance Repair of Truck, 410-05	1,937			
Repair Basin Walls	3,900			
Utility Trailer for Mobile Welding/Repair Station		1,350	1,350	
Replace Chlorinators		80,665	34,108	
Replace #5 High Service Valve		12,279	14,804	
(3) 1/2 Ton Pickups		57,000	38,000	
Replace #3 & #6 Backwash Valves/Operators		65,454	65,454	
Replace Copier/Printer		3,000	3,000	
Repair Basin Walls		20,000	52,010	
Replace DO/ PH Meter		2,640	2,545	
Replace Chlorine Analyzer		3,323	3,323	
Lab Certified Refrigerator		1,640	1,640	
Replace PH Meter		1,498	1,498	

TEXARKANA WATER UTILITIES

LTWSC Capital Improvement Fund

	<i>Actual FY 2014</i>	<i>Proposed FY 2015</i>	<i>Revised FY 2015</i>	<i>Proposed FY 2016</i>
Scott SCBA Safety Equip-Emergency Replacement			8,722	
Replace #4 Backwash Valve & Actuator			23,778	
MC Line Valve Replacement			26,000	
Replace Backwash Influent Valve			10,514	
Repair Annona Ground Storage Tank			50,000	
Aerator- Annona Ground Storage Tanks			5,525	
Replace Ice Machine			2,891	
Rebuild #4 Motor at Low Svc- Lightning-Insur Repair			33,856	
Filter Flow Control Upgrade				24,000
Flat File Cabinet				1,600
Flammable Cabinet				1,500
Portable VFD for Portable Pump-MC Tanks				4,500
8" Gate Valve-NB Pump Station				2,500
Rotating Assembly Pump #4- NB Pump Station				8,000
Ball Valve/Actuator, 20"- #1 Intake				68,000
Surface Wash Actuators, 6", #2 , #7				6,800
Backwash Valves/Actuators, 24", #3, #6, #8				48,000
Drain Valves/Actuators, 30", #3, #6, #7				102,000
Mixed Gas Detector				1,200
Flocculator Chains, Sprockets, Tensioner				15,772
Freezer-10C				850
Sanitary Wall				800
Pocket Chlorimeter				450
Filter Media Replacement				390,000
CL 17 Machine				3,323
Low Service #4 Pump Rebuild				60,000
Inspect South Clearwell Top				20,000
(1/2) Ton Pickup				19,000
Settling Basin Repairs				50,000
Parking Lot Repairs				50,000
Raw Water Pump Upgrade				100,000
TOTAL EXPENDITURES	423,390	1,265,287	770,124	1,349,295
ENDING BALANCE	852,064	16,481	761,433	1,088

**FY15 Estimated Consumption (1000 Gallons)
Oct 14- Jun 15 (with Aug- Sept Estimated)**

Estimated based on Aug & Sept 14

	OCT/ APR	NOV/ MAY	DEC/ JUN	JAN/ JUL	FEB/ AUG	MAR/ SEP	YTD	% OF TOTAL
Oak Grove, TX	1645.280 1713.740	1603.260 1329.650	1300.910 1847.020	1419.200 2105.100	1354.660 2359.110	1877.330 1564.370	20119.630	0.3640%
Redwater, TX	8609.750 7188.050	6016.300 5885.250	7045.650 8647.550	7171.700 11654.250	7701.600 10097.400	7928.550 9433.900	97079.950	1.7562%
Central Bowie County	16155.880 14965.240	12375.120 10902.970	13223.660 19326.580	14320.710 21977.580	17612.250 24251.700	15573.140 21270.410	201955.240	3.6534%
Nash, TX	8213.000 7490.000	6513.000 6026.000	6934.000 8631.000	6730.000 9611.000	6299.000 8450.000	6575.000 8359.000	89831.000	1.6251%
Macedonia Eylau	14816.713 13022.996	12015.021 10768.669	12578.754 15002.753	12447.211 16557.916	13206.445 16980.243	12225.102 13884.616	163506.439	2.9579%
Red River County	2590.880 2625.810	1952.460 2114.860	2304.430 3178.070	2389.510 3828.690	2287.600 2832.040	2376.940 2135.880	30617.170	0.5539%
Day & Zimmerman	1501.600 902.200	1042.200 1264.500	1362.200 1158.700	1453.200 916.900	1146.900 693.100	1594.300 954.600	13990.400	0.2531%
Leary, TX	1356.240 1128.150	1065.080 989.270	1300.910 1511.850	1193.450 1695.800	1147.400 3147.050	1476.080 1224.490	17235.770	0.3118%
Mandeville, AR	2367.500 2643.357	2171.051 1906.832	2452.235 2176.236	2465.493 3398.507	2046.338 3203.434	3308.291 2709.812	30849.086	0.5581%
Union Water	7931.895 8059.491	7465.815 7603.802	8721.865 6897.421	8120.807 10079.657	6600.568 10629.576	9378.783 8605.725	100095.405	1.8108%
MCPWA	4950.000 1055.000	605.000 845.000	305.000 670.000	375.000 1780.000	645.000 0.000	1655.000 0.000	12885.000	
Total Wholesale	70138.738 60794.034	52824.307 49336.803	57529.614 69047.180	58086.281 83605.400	60047.761 82843.653	63968.516 70142.803	778165.090	
New Boston, TX	32902.070 30251.080	24373.580 22489.570	28759.360 30599.620	24368.240 30040.680	27165.760 38005.350	27192.840 30298.900	346447.050	6.2673%
Hooks, TX	11836.290 14857.700	8607.370 10699.600	8415.520 15551.400	6472.730 15317.400	8877.770 14821.900	11268.590 10217.510	136943.780	2.4774%
DeKalb, TX	6757.000 6934.000	5013.000 5157.000	5380.000 7289.000	5978.000 7223.000	6137.000 7161.000	5976.000 5940.000	74945.000	1.3558%
Wake Village, TX	15698.000 11858.000	11603.000 11134.000	12677.000 15034.000	11293.000 19526.000	12017.000 19309.000	10742.000 16052.000	166943.000	3.0200%
Maud, TX	4809.000 3711.000	3893.000 3059.000	3777.000 4512.000	3594.000 4983.000	3845.000 4841.000	3313.000 4236.000	48573.000	0.8787%
Avery, TX	2615.400 1718.900	1885.900 1010.900	2154.500 1497.200	1934.600 1522.800	1917.800 2599.700	1660.800 2167.500	22686.000	0.4104%
Annona, TX	968.949	514.358	517.836	550.404	508.993	585.350		

**FY15 Estimated Consumption (1000 Gallons)
Oct 14- Jun 15 (with Aug- Sept Estimated)**

	Estimated based on Aug & Sept 14												
	OCT/ APR	NOV/ MAY	DEC/ JUN	JAN/ JUL	FEB/ AUG	MAR/ SEP	YTD	% OF TOTAL					
Oak Grove, TX	1645,280	1603,260	1300,910	1419,200	1354,660	1877,330	20119,630	0.3640%					
	1713,740	1329,650	1847,020	2105,100	2359,110	1564,370	7159,418	0.1295%					
	571,847	439,088	457,571	689,454	650,913	704,655							
TexAmericas Center (RRAD)	23794,700	19440,150	23231,050	19699,220	17045,000	20244,950	268528,750	4.8578%					
	21238,040	19374,430	23871,260	27544,770	25670,880	27374,300							
Total Member Cities & TexAmericas	99381,409	75330,358	84912,266	73890,194	77514,323	80983,530	1072225,998						
	91140,567	73363,588	98812,051	106847,104	113059,743	96990,865							
Total Wholesale, Member Cities & TexAmericas	169520,147	128154,665	142441,880	131976,475	137562,084	144952,046	1850391,088						
	151934,601	122700,391	167859,231	190452,504	195703,396	167133,668							
Texarkana, AR	116476,196	97693,760	96815,333	112736,111	88654,683	120799,599	1375047,047	24.8750%					
	101541,164	107178,777	105453,749	143835,249	154162,544	129699,862							
Texarkana, TX	207522,657	188251,575	160689,787	178858,414	144097,233	190601,355	2302392,865	41.6509%					
	162533,215	173764,832	160632,020	231487,247	266663,060	237291,470							
Total Texarkana	323998,853	285945,335	257505,120	291594,525	232751,916	311400,954	3677439,912						
NO	264074,399	280943,609	266085,769	375322,496	420825,604	366991,332							
Total All	493519,000	414100,000	399947,000	423571,000	370314,000	456353,000	5527831,000	99.7671%					
	416009,000	403644,000	433945,000	565775,000	616529,000	534125,000							

City of Texarkana, Texas
Proposed Water Production Rate By Plant

9/30/2016

	<u>Division 410</u>	<u>Sludge-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	1,259,452		1,259,452	300,424		300,424	1,559,876
Supplies	875,960		875,960	213,500		213,500	1,089,460
Repairs & Maintenance	202,882		202,882	70,900		70,900	273,782
Contractual Services	573,733		573,733	433,670		433,670	1,007,403
Subtotal	2,912,027	-	2,912,027	1,018,494	-	1,018,494	3,930,521
Sludge Costs	-	261,621	261,621	-	-	-	261,621
Sludge Chemical/Transp Cost		69,509	69,509		-	-	69,509
Composting Revenue	-	(57,142)	(57,142)	-	-	-	(57,142)
Subtotal	-	273,988	273,988	-	-	-	273,988
Administration Costs 5%	145,601	13,699	159,301	50,925	-	50,925	210,225
Total Water Production Cost	3,057,628	287,687	3,345,316	1,069,419	-	1,069,419	4,414,734
Estimated Gallons By Plant			4,084,969			1,442,862	5,527,831
Estimated Cost Per 1,000 Gal			0.8189			0.7412	0.7986
			LWP			MW	Total

City of Texarkana, Texas
Proposed Water Production Rate
9/30/2016

Water Production (both lakes)	Amount As Budgeted 2016
Total Gallons	5,527,831 <small>(in thousands)</small>
**** Total Cost	4,414,734
Water Rate	0.7986 <small>(per thousand)</small>
<i>Prior Year Water Rate</i>	<i>0.7275</i>

**** 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 \$0.00 for Millwood
- 4) Administrative Overhead - not to exceed 5% of the sum of 1, 2 and 3 as listed above

City of Texarkana, Texas

Proposed Water Production Rate By City

9/30/2016

		Water Rate Calculation			
		ANNUAL			MONTHLY
		<i>(in thousands)</i>			
	2016 Budgeted Gallons as Estimated by the Water Department	Budgeted Cost Total as Estimated by the Water Department	Estimated 2016 Water Rate	Monthly Billing - Water Cost Only	Monthly Gallons
New Boston	346,447	276,686	0.7986	23,057	28,871
Hooks	136,944	109,368	0.7986	9,114	11,412
Dekalb	74,945	59,854	0.7986	4,988	6,245
Wake Village	166,943	133,327	0.7986	11,111	13,912
Maud	48,573	38,792	0.7986	3,233	4,048
Avery	22,686	18,118	0.7986	1,510	1,891
Annona	7,159	5,718	0.7986	476	597
Total	803,697	641,863	0.7986	53,489	66,974
Texarkana, AR	1,518,877	1,213,032	0.7986	101,086	126,573
Texarkana, TX	2,936,728	2,345,382	0.7986	195,449	244,727
Texarkana, TX (TexAm)	268,529	214,457	0.7986	17,871	22,377
Total	4,724,134	3,772,871	0.7986	314,406	393,678
Total All Cities-Budgeted	5,527,831	4,414,734	0.7986	367,895	460,652

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
9/30/2016

Member Cities	Original Ownership %	Revised Ownership %	Annual	Monthly
New Boston	3.572227%	3.572227%	20,920.75	1,743.40
Hooks	2.275268%	2.275268%	13,325.11	1,110.43
DeKalb	2.143895%	2.143895%	12,555.72	1,046.31
Wake Village	1.632379%	1.632379%	9,560.03	796.67
Maud	1.123658%	1.123658%	6,580.70	548.39
* Avery	0.419275%			
Annona	0.307469%	0.307469%	1,800.69	150.06
Total Member Cities	11.474171%	11.054896%	64,743.00	5,395.26
Texarkana				
Texarkana, AR	32.792567%	32.792567%	192,049.67	16,004.14
Texarkana, TX	55.733262%	56.152537%	328,857.33	27,404.78
Total Texarkana	88.525829%	88.945104%	520,907.00	43,408.92
Grand Total	100.000000%	100.000000%	585,650.00	48,804.18

Contribution Required for 2016 for projects in the LTWSC Capital Improvement Fund = \$585,650

City of Texarkana, Texas
Proposed Debt Service Rate
Highway 82 Widening Project
9/30/2016

Member Cities	Ownership %		Allocation of Tex, AR Ownership % to Participating Cities		Annual	Montbly
	Original	Revised	Original	Revised		
New Boston	3.572227%	3.572227%	5.315226%	5.315226%	8,713.25	726.10
Hooks	2.275268%	2.275268%	3.385441%	3.385441%	5,549.75	462.48
DeKalb	2.143895%	2.143895%	3.189967%	3.189967%	5,229.31	435.78
Wake Village	1.632379%	1.632379%	2.428867%	2.428867%	3,981.64	331.80
Maud	1.123658%	1.123658%	1.671925%	1.671925%	2,740.79	228.40
Avery	0.419275%	0.419275%				
Annona	0.307469%	0.307469%	0.457493%	0.457493%	749.97	62.50
Total Member Cities	11.474171%	11.054896%	16.448919%	16.448919%	26,964.71	2,247.06
Texarkana						
*** Texarkana, AR	32.792567%					
Texarkana, TX	55.733262%	56.152537%	83.551081%	83.551081%	136,965.29	11,413.77
Total Texarkana	88.525829%	56.152537%	83.551081%	83.551081%	136,965.29	11,413.77
Grand Total	100.000000%	67.207433%	100.000000%	100.000000%	163,930.00	13,660.83

Debt Service Requirement for 2016 = \$163,930

*** 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 WATER TREATMENT OPERATING EXPENSES - ACTUAL (Audited)

For the Year Ended September 30, 2014

	Wright Patman	Millwood	Total	
Personal Services:				From Audited TB for Div 410 & 420
Management	0	0	0	
Supervision	106,633	21,379	128,012	
Maintenance & Operations	514,126	164,570	678,696	
Overtime	89,229	20,123	109,352	
Standby	7,381	0	7,381	
Shift Differential	0	527	527	
Pay Out-Annual Leave	3,943	0	3,943	
Pay Out-Sick Leave	23,069	0	23,069	
Pay Out-Comp Time	0	118	118	
Pay Out-Post Retirement Insurance	2,484	7,029	9,513	
Temporary Labor	3,999	0	3,999	
Accrued Payroll	4,212	(62)	4,150	
Longevity	8,826	2,478	11,304	
Group Insurance	105,008	30,464	135,472	
Accrued Vacation & Sick Leave	(5,598)	4,189	(1,409)	
Retirement	130,036	37,106	167,142	
Social Security	55,835	15,362	71,197	
Workmen's Compensation	21,202	2,533	23,735	
Unemployment	0	0	0	
Emplovec Screening	5	0	5	
Incentive	360	0	360	
Education & Training	14,140	364	14,504	
Total Personal Services	1,084,891	306,178	1,391,070	
Supplies:				
Office Supplies & Expenses	725	132	857	
Operating Supplies	5,015	1,398	6,413	
Botanical Supplies	0	0	0	
Safety	9,208	3,570	12,778	
Minor Tools	2,085	690	2,775	
Wearing Apparel	7,407	1,875	9,282	
Laundry & Janitorial	2,835	2,398	5,233	
Lab & Photo Supplies	27,450	5,221	32,671	
Printing	806	19	825	
Chemicals-Plant	762,612	164,897	927,510	
Chemicals-Lake	13,310	0	13,310	
Total Supplies	831,453	180,180	1,011,633	
Repairs & Maintenance:				
Office Machines & Equipment	0	0	0	
Motor Vehicles	23,372	3,939	27,311	
Machinery & Equipment	5,421	19,182	24,603	
Signal Equipment	1,048	2,419	3,466	
Buildings	2,913	2,873	5,787	
Water Treatment Equipment	28,465	18,554	47,019	
Water Transmission Main	3,424	1,479	4,903	
Tanks & Reservoirs	30,298	8,464	38,762	
Sewer Instruments	465	0	465	
Sludge Pond Maintenance	0	0	0	
Equipment Utilization	0	0	0	
Equipment Apportionment	(5,445)	0	(5,445)	
Total Repairs & Maintenance	89,961	56,909	146,870	
Contractual Services:				
Accounting & Audit	3,000	1,800	4,800	
Communications	10,565	7,284	17,848	
Rentals	4,316	0	4,316	
Fees & Permits	36,239	46,143	82,382	
Freight Charges	0	0	0	
Refuse Hauling	1,946	0	1,946	
Insurance	37,914	12,848	50,762	
Laboratory Services	6,505	493	6,998	
Legal Advertising	0	0	0	
Maintenance Contracts	3,901	0	3,901	
Postage	696	0	696	
Power Purchases	279,136	213,094	492,230	
Power Purchases-Lake	205,350	0	205,350	
Special Services	0	23	23	
Water Rights	613	153,406	154,019	
Total Contractual Services	990,180	435,090	1,025,171	
Rounding	(3)	4	1	
Subtotals	2,596,483	978,331	3,574,815	Reconciled to Audited TB
Sludge Processing	164,788	0	164,788	Sludge Actual 2014
Total Operating Expenses	2,761,271	978,332	3,739,603	
Administrative Overhead	138,064	48,917	186,981	5% Admin
Total Operating Expenses With Overhead	2,899,335	1,027,249	3,926,584	
Total Gallons of Water Sold - All (Consumption Report)	4,185,297,000	1,619,375,000	5,804,672,000	
Actual Cost per 1,000 Gallons (Total Op Exp w/OH / Total Gal)	0.6927129	0.6343492	0.6764523	

TENARKANA WATER UTILITIES

WRIGHT PATMAN WATER TREATMENT OPERATING EXPENSES - ACTUAL (Audited)

For the Year Ended September 30, 2013

Wright Patman Jillywood Total
TRUE-UP ADJUSTMENT CALCULATION

	Fiscal Year 2014 Billing					
	2014 Water	2014 Infrastructure	2014 Debt Service	2012 True Up	FY 2014 Annual	FY 2014 Monthh
New Boston	338,871	16,075	9,944	(32,814)	332,076	27,673
Hooks	114,551	10,239	6,334	(4,244)	126,880	10,573
DeKalb	61,866	9,648	5,968	(6,347)	71,135	5,928
Wake Village	135,552	3,346	4,544	(17,880)	129,562	10,797
Maud	37,419	5,056	3,128	(10,338)	35,265	2,939
Ayers	20,945	-	-	(571)	20,374	1,698
Annona	9,274	1,384	856	(1,765)	9,749	812
TevAmericas	238,880	-	-	(7,123)	231,757	19,313
	957,358	49,748	30,774	(81,082)	956,798	79,733

	Fiscal Year 2014 True Up Calculation								
	Budgeted Gal	Budgeted Amt	Budgeted Rate	Actual Gal	Actual Amt	Actual Rate	Annual True Up	Monthly True Up	
New Boston	454,995	338,871	0.744800	390,281	264,007	0.6764523	(74,864)	(6,238.70)	
Hooks	153,805	114,551	0.744800	147,637	99,869	0.6764523	(14,682)	(1,223.46)	
DeKalb	83,067	61,866	0.744800	75,953	51,379	0.6764523	(10,487)	(873.95)	
Wake Village	182,603	135,552	0.744800	173,642	117,461	0.6764523	(18,091)	(1,507.62)	
Maud	50,242	37,419	0.744800	48,852	33,046	0.6764523	(4,373)	(364.41)	
Ayers	28,122	20,945	0.744800	28,035	18,964	0.6764523	(1,981)	(165.08)	
Annona	12,453	9,274	0.744700	9,655	6,531	0.6764523	(2,743)	(228.56)	
TevAmericas	320,740	238,880	0.744800	275,319	186,308	0.6764523	(52,572)	(4,381.01)	
Total	1,285,427	957,358		1,149,474	777,564		(179,794)	(14,983)	

TEXARKANA WATER UTILITIES
MEMBER CITIES BILLING
WRIGHT PATMAN SLUDGE PROCESSING COST
FY 2014 ACTUAL

Composting Costs:

Compost Division Budget Expenses (580):

Personal Services	151,998
Supplies	5,709
Repairs & Maintenance	102,326
Contractual Services	12,535
Capital Outlays	<u>0</u>
Total Division Expenses	272,568

Other Labor & Benefits (530):

Operator II (1300 Bldg)	34,041
Plant Mechanic I (1/2)	<u>14,904</u>
Total Other Labor	48,945

Benefit Percentage	X	<u>53.03%</u>
Total Benefit Cost		25,956

Total Other Labor & Benefits	74,901
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Total Composting & Other Labor Costs	347,469
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Amount Attributable to Water Treatment

Plant Sludge (TSS):

Wright Patman Solids (Metric Tons)	864,520	
South Regional Influent Solids (Metric Tons)	<u>1,928,190</u>	
Water Treatment TSS Ratio		44.83583%

Total Applicable Compost Costs	155,791
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Sludge Chemical Costs:

Total Cost of Polymer	93,807
Water Treatment TSS Ratio	44.83583%

Total Sludge Chemical Costs	42,059
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Transportation Costs:

200 Site Pumping Costs (Electrical)	85,647
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Amount Attributable to Water Treatment Plant Waste:

Wright Patman Gallons Wasted (Mil Gallons)	218,140	
South Regional Influent Flows (Mil Gallons)	<u>2,976,300</u>	
Water Treatment Plant Volume Ratio		7.32923%

Total Transportation Costs	6,277
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Total Estimated Sludge Processing Costs Applicable to Water Plant	204,127
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Less Compost Sales:

Total Compost Sales	87,741
Water Treatment TSS Ratio	44.83583%
Sales Applicable to Water Treatment Plant Sludge	(39,339)

Net Sludge Processing Costs Applicable to Water Plant	164,788
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City of Texarkana, Texas
Proposed Water Cost Recap
9/30/2016

	2016 Annual Cost				2015 Annual Cost Total	Increase/ (Decrease)
	Water	Infrastructure	Debt Service	2014 True Up		
New Boston	276,686	20,921	8,713	(74,864)	322,428	(90,973)
Hooks	109,368	13,325	5,550	(14,682)	103,848	9,714
DeKalb	59,854	12,556	5,229	(10,487)	61,944	5,208
Wake Village	133,327	9,560	3,982	(18,091)	126,804	1,973
Maud	38,792	6,581	2,741	(4,373)	44,220	(479)
Avery	18,118	-	-	(1,981)	19,332	(3,195)
Annona	5,718	1,801	750	(2,743)	13,020	(7,494)
Texarkana, AR	1,213,032	192,050				
Texarkana, TX	2,345,382	328,857	136,965			
Texarkana, TX (TexAm)	214,457			(52,572)	203,460	(41,575)
	4,414,734	585,650	163,930	(179,794)	895,056	(126,822)

	2016 Monthly Cost				2015 Monthly Cost Total	Increase/ (Decrease)
	Water	Infrastructure	Debt Service	2014 True Up		
New Boston	23,057	1,743	726	(6,239)	26,869	(7,581)
Hooks	9,114	1,110	462	(1,223)	8,654	809
DeKalb	4,988	1,046	436	(874)	5,162	434
Wake Village	11,111	797	332	(1,508)	10,567	164
Maud	3,233	548	228	(364)	3,685	(40)
Avery	1,510	-	-	(165)	1,611	(266)
Annona	476	150	63	(229)	1,085	(625)
Texarkana, AR	101,086	16,004				
Texarkana, TX	195,449	27,405	11,414			
Texarkana, TX (TexAm)	17,871			(4,381)	16,955	(3,465)
	367,895	48,804	13,661	(14,983)	74,588	(10,568)