

North Texas Municipal Water District



2017-2018 Annual Budget

For All Systems:
Regional Water System
Sewer System
Regional Wastewater System
Regional Solid Waste System
Upper East Fork Interceptor System

NORTH TEXAS MUNICIPAL WATER DISTRICT

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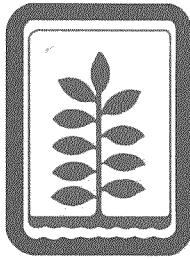
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2017 - 2018 ANNUAL BUDGET

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NORTH TEXAS MUNICIPAL WATER DISTRICT

Regional Service Through Unity

August 24, 2017

Board of Directors
North Texas Municipal Water District
P.O. Box 2408
Wylie, Texas 75098

RE: 2017-18 ALL SYSTEMS BUDGET

Dear Directors:

Submitted herewith is the 2017-18 Annual All Systems Budget for the North Texas Municipal Water District. This budget document has been prepared by the Finance Staff as submitted by the System Managers and has been reviewed and approved by the Executive Director / General Manager.

The District remains in a sound financial condition and the Board's goal of meeting the contractual obligation of the participating cities within state and federal laws while protecting the environment continues to be accomplished with reasonable cost in all systems. The Budget as submitted provides the required funding for operation and maintenance expense, capital expenditures and debt service requirements to allow the District to continue to deliver essential services throughout its service area.

The District's service area is growing with the population expected to more than double over the next 50 years. Large capital projects must have adequate funding to plan, permit, acquire land and construct in time to meet future needs. The District's existing systems and infrastructure—some constructed 60 years ago—require maintenance and improvements to sustain reliability, comply with regulations, and ensure public health and safety. The 2017-18 budget was developed to continue meeting these responsibilities.

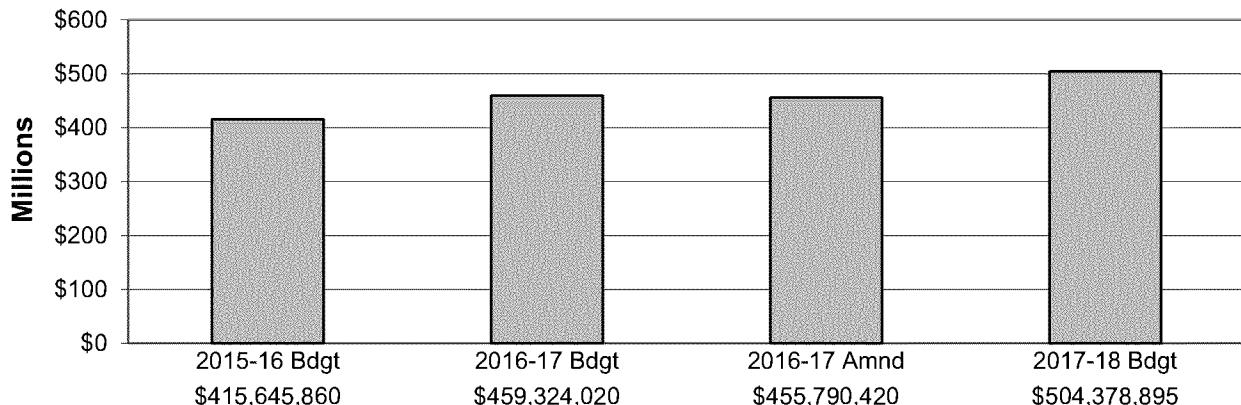
OVERALL BUDGET

The 2017-18 Annual All Systems Budget as proposed in the amount of \$504,378,895 includes funding for the following:

- Issuance of approximately \$1 billion of revenue bonds to fund the District's capital programs.
- Construction of the Lower Bois d'Arc Creek Reservoir Dam, Pump Station, FM 897 road relocation, Riverby mitigation, 70 million gallons per day (mgd) Leonard Water Treatment Plant Site, and improvements to the Wylie Water Treatment Plant I Rapid Mix and Sedimentation.
- Construction of various expansion and improvement projects in the Regional Wastewater System, Regional Solid Waste System, Upper East Fork Interceptor System and Sewer System including construction of Forney Mustang Creek Lift Station Phase I.
- 17 additional personnel.

Comparisons of the Budget for fiscal years 2015-16 through 2017-18 for All Systems are presented below.

ALL SYSTEMS BUDGET



The 2016-17 Amended Budget is expected to be \$3,533,600 less than the 2016-17 Original Budget, which reflects a 0.8% decrease. This decrease is the result of chemical and power cost savings and less than expected raw water purchases due to decreased water consumption.

The proposed 2017-18 Budget requests an increase of \$45,054,875 or 9.8% over the 2016-17 Original Budget. This increase is primarily due to additional debt service requirements for the construction of the Lower Bois d'Arc Creek Reservoir and personnel costs.

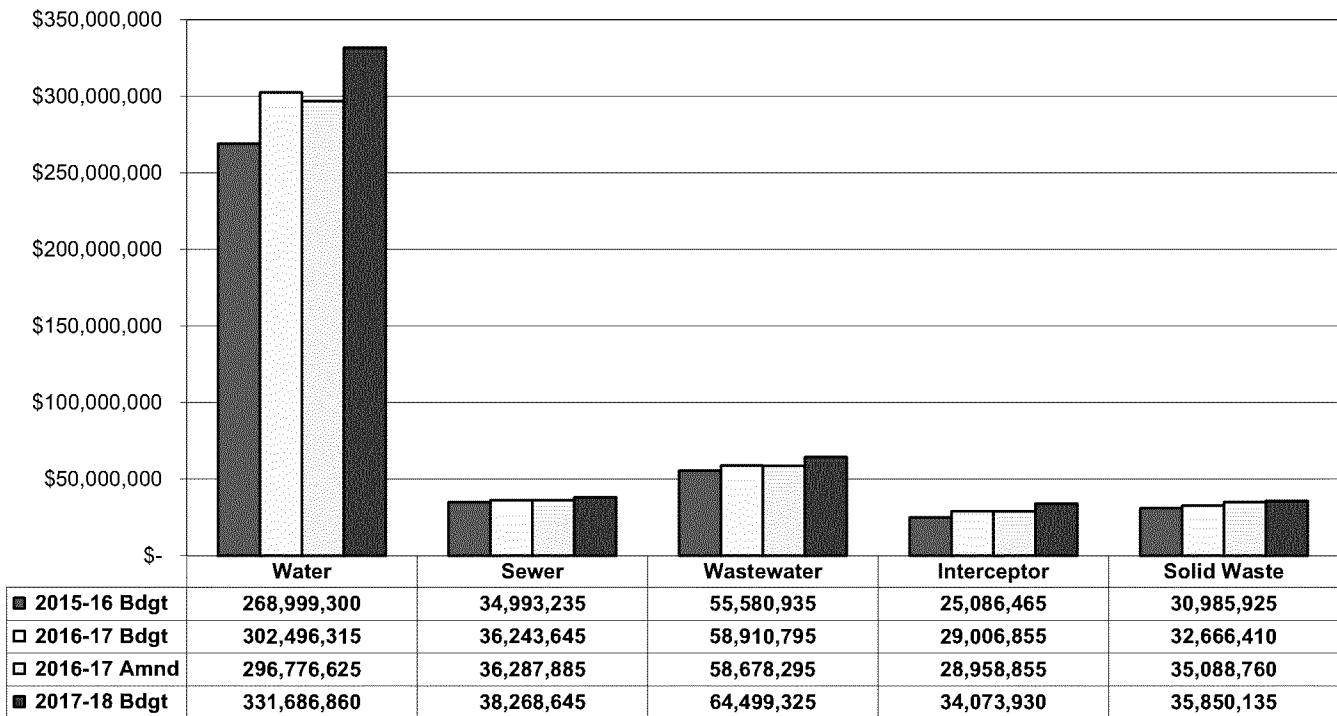
REVIEW BY SYSTEM

Comparisons of the Budget for fiscal years 2015-16 through 2017-18 by System are presented as follows.

BUDGET BY SYSTEM

System	2015-16 Budget	2016-17 Budget	2016-17 Amended	2017-18 Budget
Water	\$ 268,999,300	\$ 302,496,315	\$ 296,776,625	\$ 331,686,860
Sewer	34,993,235	36,243,645	36,287,885	38,268,645
Wastewater	55,580,935	58,910,795	58,678,295	64,499,325
Interceptor	25,086,465	29,006,855	28,958,855	34,073,930
Solid Waste	30,985,925	32,666,410	35,088,760	35,850,135
Total	\$ 415,645,860	\$ 459,324,020	\$ 455,790,420	\$ 504,378,895

BUDGET BY SYSTEM

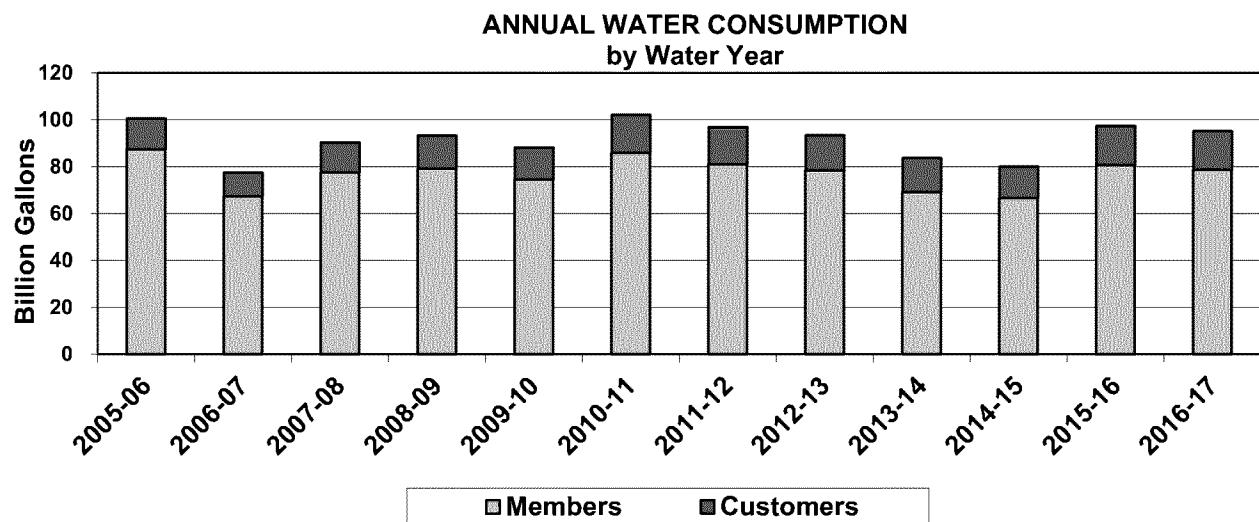


WATER SYSTEM

General

The Regional Water System currently provides treated water service to areas having an estimated population in excess of 1.6 million, including 13 Member Cities and 34 other area customer cities and water supply corporations. Member Cities currently utilize 83% of the total water produced by the District.

Consumption for the 2016-17 water year (August 1, 2016 through July 31, 2017) was 95,121,011,000 gallons, which was 2,220,250,000 gallons, or 2.3% less than the previous year's consumption of 97,341,261,000 gallons and 18,924,139,000 gallons, or 16.6% less than the expected consumption of 114,045,150,000 gallons for the year. Historical water consumption is presented below.



Operating Condition

The current capacity of the Wylie Water Treatment Plant is 770 mgd. This facility can be expanded in 70 mgd units up to its ultimate capacity of 910 mgd. Construction commenced in fiscal year 2016-17 on a 70 mgd expansion of the Wylie Water Treatment Plant and is scheduled to be complete in fiscal year 2018-19. The Tawakoni Water Treatment Plant currently has a capacity of 30 mgd and the Bonham Water Treatment Plant currently has a capacity of 6 mgd. Construction of the Trinity River Main Stem Pump Station and Pipeline commenced in fiscal year 2016-17 and is scheduled to be complete in fiscal year 2018-19.

The pumping and transmission system remains in sound operating condition. Several improvements are currently underway including the North McKinney pipeline, improvements at the Shiloh Pump Station, Casa View control structure improvements, and a north system 10 million gallon ground storage tank hydraulic analysis.

Raw Water Supply

The District's raw water is currently supplied by water rights held in Lavon Lake, Lake Texoma, and Lake Jim Chapman, with Lake Lavon serving as the primary source of raw water. Supplemental supplies are furnished by contracted rights in Lake Tawakoni and Lake Fork Reservoir. In addition to these supplies from reservoirs, the District has the following supplemental raw water sources:

- A permitted water right for up to 64 mgd of capacity from the Wilson Creek Regional Wastewater Treatment Plant of highly treated effluent that is discharged into Lavon Lake.
- A current supply of approximately 45 mgd that increases to approximately 91 mgd in 2019 from the East Fork Raw Water Supply Project that is discharged into Lavon Lake.
- A Lake Bonham supply of 4.8 mgd serving the Bonham Water Treatment Plant.

To meet future water needs, the District continues to plan and participate in the statewide water planning process mandated by Senate Bill 1 as passed into law in 1997. The 2016 Initially Prepared Region C Water Plan was submitted to the Texas Water Development Board (TWDB) and was included in the 2017 State Water Plan. The District will participate in the development of the sixth cycle of planning for the Region C Water Planning Group, which is mandated to submit its completed report to the TWDB in 2020. The planning process is very complex due to the 50-year planning horizon and the multifaceted water management strategies that have been identified to meet the region's water supply needs.

To emphasize the importance of water conservation and continue being a good steward of water resources, the District initiated the state-recognized water conservation campaign, Water IQ: Know your water (Water IQ) in 2006. Water IQ is a public awareness water conservation program that educates consumers about their water resources. Water IQ provides easy, everyday water-saving tips and resources to consumers.

Since 2006, the District has invested over \$17 million to develop and implement Water IQ and its youth program. Since the implementation of this award winning campaign, the District has seen annualized water use reductions of an estimated 12-15% and savings of 200-400 mgd during peak summer months. In 2013, the District, in partnership with Texas A&M AgriLife Extension Service, initiated WaterMyYard.org. Utilizing fifteen weather stations and twelve rain gauges that the District strategically placed in its service area that compute the water needs of lawns based on local weather conditions, consumers receive a weekly email or text of the recommended run time of their irrigation systems if supplemental lawn watering is needed. The District continues to coordinate with its Members, Customers, and other regional suppliers to implement water-efficient best management practices and develop consistent water conservation strategies and messages. The District has also participated financially in the Texas Water Smart Coalition, which is a public-private partnership of nearly 300 businesses, associations, research organizations, and state and local officials; with a goal of saving water through consumer education. Over a 3-year period, the District funded \$350,000 for the Texas Water Smart program.

NTMWD launched a youth water awareness and education campaign, Water4Otter in the fall of 2014. The goal of Water4Otter is to increase the number of household conversations about source water and water conservation. Research shows that only 15 percent of North Texas parents report that their children have reminded them to not waste water, yet most parents will listen if their kids ask them to conserve. Researchers also found that children easily identified with animals, understanding that their water source is also a home to wildlife. These findings inspired the creation of Otis the Otter.

Water4Otter launched its first year campaign during the 2014-2015 school year. With the completion of the 2016–2017 school year, in excess of 17,000 students have been reached with the Water4Otter performances. NTMWD remains committed to the implementation of the youth water awareness campaign, Water4Otter. Expansion of the Water4Otter campaign includes additional characters. During the 2015-2016 presentations, Water4Otter introduced Farah the Fox, who educates on wastewater treatment, indirect reuse as a water supply, and the concept of “One Water”; and the 2016–2017 presentation introduced Bob the Bobcat who educates on watershed protection and water quality in the natural waterways. The in-school performances are supported by a free mobile game and website. The Water4Otter app (available on the App Store and Google Play) is a fun way for students to practice their “Water-Spotting.” At Water4Otter.org, parents, teachers, and students increase their knowledge about Otis and his friends, and share digital images with friends and family. Water4Otter is raising awareness, increasing conversations of water, and teaching the next generation about responsible water use.

Protecting and preserving existing water sources to ensure long-term health and viability is important for all water suppliers and is especially critical for watersheds where urbanization is taking place. Lavon Lake has one such watershed. In 2016, the District partnered with Texas A&M AgriLife to begin development of a Lavon Lake Watershed Protection Plan (Plan) with the aim of protecting and improving the quality of water in Lavon Lake over the long term. Plan development included numerous public meetings open to the public for weighing in on specific strategies and a stakeholder group, representing diverse interests within the watershed, was the primary body tasked with reviewing and recommending activities to include in the plan. The Plan is scheduled to be complete in 2017 and Plan implementation will begin immediately after it is complete.

As a result of the increased water needs of all Metroplex water providers, partnerships have been developed to meet the many challenges that lie ahead. Through these partnerships, the District is actively pursuing many options for the development of additional supplies to meet short-term and long-term needs.

To meet short-term needs, the District is:

- Pursuing an agreement to purchase additional raw water from a Trinity River main stem pump station to deliver raw water to the District’s East Fork Water Reuse Project. The Trinity River main stem pump station is projected to be online in 2019.
- Pursuing a 3-year temporary over drafting permit of Lavon Lake from the Texas Commission on Environmental Quality.

To meet long-term needs, the District is:

- Pursuing the development of the Lower Bois d’Arc Creek Reservoir, which is projected to supply 108 mgd and is currently scheduled to be online in 2022. The District was issued a Water Right from the Texas Commission on Environmental Quality on June 26, 2015. A U.S. Army Corps of Engineer’s Clean Water Act Section 404 permit application was submitted in 2007 and is under review. The District has acquired approximately 85% of the 22,000 acres needed for the proposed reservoir and the 15,000 acre Riverby Ranch as a mitigation site.
- Pursuing the development of the Sulphur Basin Supplies Strategy in partnership with the Sulphur River Basin Authority, Tarrant Regional Water District, City of Irving, City of Dallas, and the Upper Trinity Regional Water District. The first phase of this project is expected to provide 78 mgd and is currently scheduled to be online in 2060.

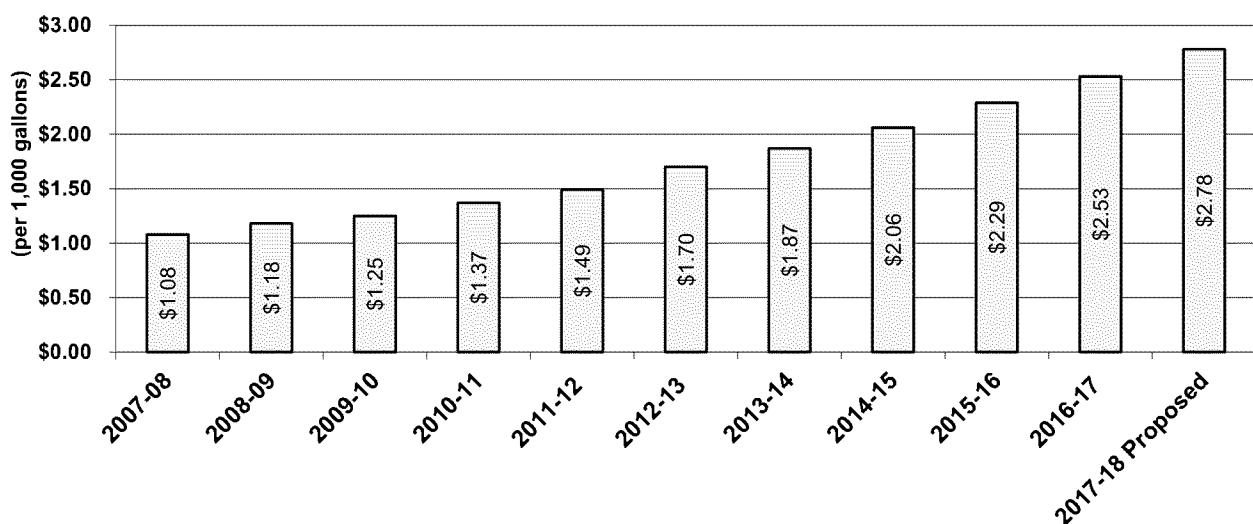
- Evaluating the feasibility of acquiring water from the Toledo Bend Reservoir that could potentially supply water to the District beginning in 2070.
- Seeking approval of a water rights application from the Oklahoma Water Resources Board for the right to use water from the State of Oklahoma from the Kiamichi and Muddy Boggy River Basins.
- Evaluating the following projects that were included as Alternative Water Management Strategies:
 - Toledo Bend – Phase 2
 - Lake O’ the Pines
 - Lake Texoma with desalination rather than blending
 - Freestone/Anderson County Groundwater
 - George Parkhouse Reservoir (North)
 - George Parkhouse Reservoir (South)
 - Marvin Nichols Reservoir

The District Staff remains confident that sufficient raw water supplies can be developed through the innovative and diligent efforts of the District’s Board of Directors and Staff. Through the partnerships now being developed, new supplies can be delivered at the lowest possible cost to the District’s Members and Customers.

Water Rate Adjustments

In order to fund the development of additional raw water resources, treatment and transmission system improvements, and increased operating costs, it is recommended that the current Member City Water Rate be adjusted from \$2.53 per 1,000 gallons to \$2.78 per 1,000 gallons and that the current Customer City Water Rate be adjusted from \$2.58 per 1,000 gallons to \$2.83 per 1,000 gallons on October 1, 2017. Additional rate adjustments are anticipated in future years as cost estimates to develop raw water supplies and operational costs continue to increase. Historical and proposed Member City Water Rates are presented below.

MEMBER CITY WATER RATES



Following are the components of the Member City Water Rate.

	Proposed		
	<u>2016-17</u>	<u>2017-18</u>	<u>Change</u>
Variable O&M Cost:			
Chemicals	\$ 0.22	\$ 0.23	\$ 0.01
Power	0.16	0.14	(0.02)
Water	<u>0.03</u>	<u>0.03</u>	-
Total	0.41	0.40	(0.01)
Fixed O&M Cost:			
Personnel	0.35	0.39	0.04
Supplies	0.05	0.05	-
Services	0.22	0.22	-
Capital Outlay	0.03	0.02	(0.01)
Other	<u>0.01</u>	<u>-</u>	<u>(0.01)</u>
Total	0.66	0.68	0.02
Capital Costs:			
Capital Improvement Fund	0.53	0.57	0.04
Debt Service	<u>0.93</u>	<u>1.13</u>	<u>0.20</u>
Total	<u>1.46</u>	<u>1.70</u>	<u>0.24</u>
Total Rate per 1,000	<u><u>\$ 2.53</u></u>	<u><u>\$ 2.78</u></u>	<u><u>\$ 0.25</u></u>

Minimum Annual Demand

Minimum Annual Demands are established pursuant to Member and Customer City Water Service Contracts and are based on the greater of 1) an agreed minimum volume of water to be taken from the system during any water year or 2) the maximum volume of water actually taken from the system during any previous water year. The Minimum Annual Demand methodology requires each city to pay for the facilities it has required the District to construct in order to meet its demands. This method provides for an escalating Minimum Annual Demand for cities that place additional demands on the system and on cities that do not effectively manage their demands, thus encouraging conservation. Minimum Annual Demands for 2017-18 are scheduled at 114,549,820,000 gallons.

The budget provides funding for the production of treated water based on the Minimum Annual Demands. Should a city's actual annual demand exceed the budgeted Minimum Annual Demand, additional variable cost (power, chemicals and purchased water) are incurred to meet the increased demands placed on the system. In order to recover these costs, the Board of Directors has established Excess Water Rates for water demands in excess of the Minimum Annual Demands. The current Excess Water Rate is \$.41 per 1,000 gallons for Member Cities and \$.46 per 1,000 gallons for Customer Cities. It is proposed that the Excess Water Rate be adjusted to \$.40 per 1,000 gallons for Member Cities and \$.45 per 1,000 gallons for Customer Cities for 2017-18, primarily due to decreased power costs associated with favorable electric power contracts.

The Board of Directors has also established a Rebate Program. In accordance with the Program, each city's actual usage is compared to its Minimum Annual Demand and the Board determines whether to rebate the variable cost (\$.41 per 1,000 gallons for 2016-17) to the cities for water that was budgeted to be produced but was not actually consumed. This program rewards cities that effectively manage their water usage and also encourages conservation.

The schedule set forth below provides the potential water rebate for Member Cities for 2016-17.

2016-17 POTENTIAL WATER REBATES

City	Minimum	WY17 Usage (1,000 Gallons)	Potential
	Annual		
	Demand (1,000 Gallons)		
Allen	6,011,208	5,565,743	\$ 182,640.65
Farmersville	280,467	177,737	42,119.30
Forney	1,849,256	1,752,242	39,775.74
Frisco	10,225,090	9,695,210	217,250.80
Garland	13,721,955	10,141,139	1,468,134.56
McKinney	10,762,780	10,535,941	93,003.99
Mesquite	8,297,666	5,623,217	1,096,524.09
Plano	26,719,809	21,995,403	1,937,006.46
Princeton	485,886	465,129	8,510.37
Richardson	11,019,311	8,095,368	1,198,816.63
Rockwall	3,330,881	2,503,815	339,097.06
Royse City	448,255	439,770	3,478.85
Wylie	1,877,558	1,732,290	59,559.88
Total	95,030,122	78,723,004	\$ 6,685,918.38

Budget Review

The 2016-17 Amended Budget is \$5,719,690 or 1.9% less than the Original Budget. This decrease is due to reduced power and chemical cost and reduced water purchases as a result of less than expected consumption.

Member and Customer water sales revenues are expected to be \$282,572,414 for 2016-17. In addition, \$14,239,356 of other revenue is estimated for retail water sales, interest earnings and inter-fund charges to other systems for services provided by the Water System. Combined, total estimated revenues are expected to be \$296,811,770 and total expenditures are expected to be \$296,776,625 resulting in a \$35,145 increase in the operating fund balance. The fund balance is expected to be \$31,480,372 at the end of the 2016-17 fiscal year.

Expenditures in the amount of \$331,686,860 are requested for the 2017-18 Budget, which are \$29,190,545 or 9.6% greater than the 2016-17 Budget. This increase is primarily due to increased debt service cost of \$28,932,990 for financing \$831 million in revenue bonds and cash funding projects of \$104 million in the capital improvement fund.

2017-18 Member and Customer water sales revenues are projected to be \$319,392,485, which reflects a \$.25 per 1,000 gallons rate adjustment. Combined with other budgeted revenues of \$12,333,355, the total budgeted revenue for 2017-18 is \$331,725,840, which is \$29,193,870 or 9.6% greater than the 2016-17 Budget.

SEWER SYSTEM

General

The Sewer System provides funding for all Special Facility Contracts and includes wastewater plants owned by the District, wastewater plants owned by cities and operated by the District, and special projects funded with pledged revenues by cities. A total of ten operational wastewater plants (six District owned and four City owned) are currently budgeted by the District. Other special projects include the Buffalo Creek Interceptor, Forney Interceptor, McKinney Interceptor, Muddy Creek Interceptor, Mustang Creek Interceptor, Parker Creek Interceptor, Parker Creek Parallel Interceptor, Sabine Creek Interceptor, Lower East Fork Interceptor, Little Elm Water Transmission Facilities, Terrell Water Transmission Facilities, Plano Water Transmission Facilities, Rockwall-Heath Water Storage Facilities, Rockwall Water Pump Station Facilities, Wastewater Pretreatment Program and Kaufman Four-One Program.

New Facilities / Operational Changes

The District plans to issue \$23 million of revenue bonds for the Forney Mustang Creek Interceptor System, which serves the city of Forney. Construction of the Forney Mustang Creek Lift Station is planned to begin in 2018 and to be completed in 2019. The 2017-18 Budget provides funding for the debt service requirements for this bond issue.

Due to increasing regulatory pressures to implement industry best practices in the sewer system, the District is utilizing a Capacity, Management, Operations, and Maintenance (CMOM) Plan to reduce risks of sanitary sewer overflows. The District will be building upon current practices and expanding activities to align with regulatory expectations in the next few years.

Charges for Service

Charges for each facility or special project are based on current budgeted expenditure requirements and are adjusted at the end of each fiscal year for the difference between actual and budgeted expenditures. The cost of administration, conveyance services, IT services, laboratory services, safety services and maintenance services are charged through inter-fund transfers and are credited to the system providing the service.

Wastewater Treatment Plant Unit Cost

In order to properly evaluate the efficiency and unit cost of wastewater treatment plants, many factors must be considered. These factors include plant capacity, utilization, amount of rainfall and the effects of inflow and infiltration, type and level of treatment required by permit, construction cost (debt service), power cost and chemical requirements.

The schedule presented below provides the estimated unit cost for several wastewater treatment plants included in the Sewer System based on the 2016-17 Amended Budget.

2016-17 WASTEWATER TREATMENT PLANT UNIT COST

Plant	Estimated Flow (1,000 Gallons)	O&M Cost	Debt Service	Total Cost	Cost per 1,000 gal	
					O&M	Total
Farmersville	*	92,530	\$ 334,150	\$ - 334,150	\$ 3.61	\$ 3.61
Frisco/Cottonwood Crk		52,286	157,165	- 157,165	3.01	3.01
Lavon		65,676	227,815	- 227,815	3.47	3.47
Muddy Creek		2,271,128	3,758,990	2,092,635 5,851,625	1.66	2.58
North Rockwall		289,642	557,930	- 557,930	1.93	1.93
Panther Creek		1,571,034	4,855,850	4,087,685 8,943,535	3.09	5.69
South Rockwall		499,560	1,402,550	254,045 1,656,595	2.81	3.32
Sabine Creek		484,216	852,060	1,267,365 2,119,425	1.76	4.38
Seis Lagos		41,532	193,075	- 193,075	4.65	4.65
Stewart Creek		1,520,712	2,841,395	4,993,505 7,834,900	1.87	5.15

* Includes two plants.

The O&M unit cost varies from a high of \$4.65 per 1,000 gallons at the Seis Lagos Wastewater Treatment Plant to a low of \$1.66 per 1,000 gallons at the Muddy Creek Wastewater Treatment Plant. The differences in unit cost are due to the various factors mentioned above.

Budget Review

The 2016-17 Amended Budget is \$44,240 or 0.1% more than the Original Budget. This increase is primarily the result of a January 2017 cleanup incident at the North Rockwall Wastewater Treatment Plant.

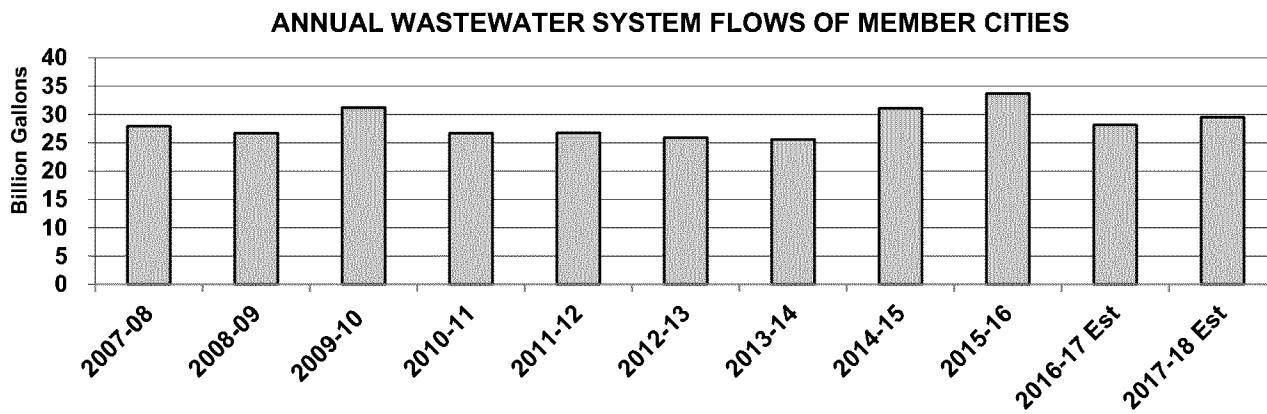
Expenditures in the amount of \$38,268,645 are requested for the 2017-18 Budget, which is \$2,025,000 or 5.6% more than the 2016-17 Budget. This increase is primarily the result of an increase of \$939,510 due to expanding the Stewart Creek Wastewater Treatment Plant from 5 mgd to 10 mgd, \$273,045 at the Muddy Creek Wastewater Treatment Plant and \$247,675 at the Panther Creek Wastewater Treatment Plant for improvements to SCADA, \$295,330 for additional O&M and full year funding of debt service at the Sabine Creek Wastewater Treatment Plant due to the plant expansion from 1.5 mgd to 3 mgd, and the Lower East Fork Interceptor System and the Buffalo Creek Interceptor System each have transfers to the Preventative Maintenance Escrow Fund in the amount of \$115,000.

WASTEWATER SYSTEM

General

The Regional Wastewater System has been developed pursuant to Regional Wastewater System Contracts and all participants of the System share the costs of wastewater treatment on a uniform basis. The System is composed of four regional wastewater plants that currently serve the Cities of Allen, Forney, Frisco, Heath, McKinney, Mesquite, Plano, Princeton, Prosper, a portion of Richardson, Rockwall and Seagoville.

The total combined treatment capacity of the four regional plants is 118 mgd and current Member City flows are 78.9 mgd. Member City annual flows for 2016-17 are estimated to be 28.1 billion gallons and Member City annual flows for 2017-18 are estimated to be 29.5 billion gallons. Following is Member City wastewater flow information.



Wastewater Treatment Plant Facilities

The Wilson Creek Wastewater Treatment Plant is a 56 mgd facility and the Texas Commission on Environmental Quality has approved a permit to expand the plant to 64 mgd. The Rowlett Creek plant is a 24 mgd facility and the plant has been expanded to its maximum size on the existing site. The Mesquite plant is a 33 mgd plant and the Floyd Branch WWTP is a 4.75 mgd plant. Overall, the system is currently operating at 66.9% of total capacity.

In 2017-18 the District is planning to issue \$63 million of revenue bonds to fund various system improvements including electrical improvements at the Wilson Creek WWTP, process optimization improvements at the Floyd Branch WWTP and engineering for a new regional wastewater treatment plant.

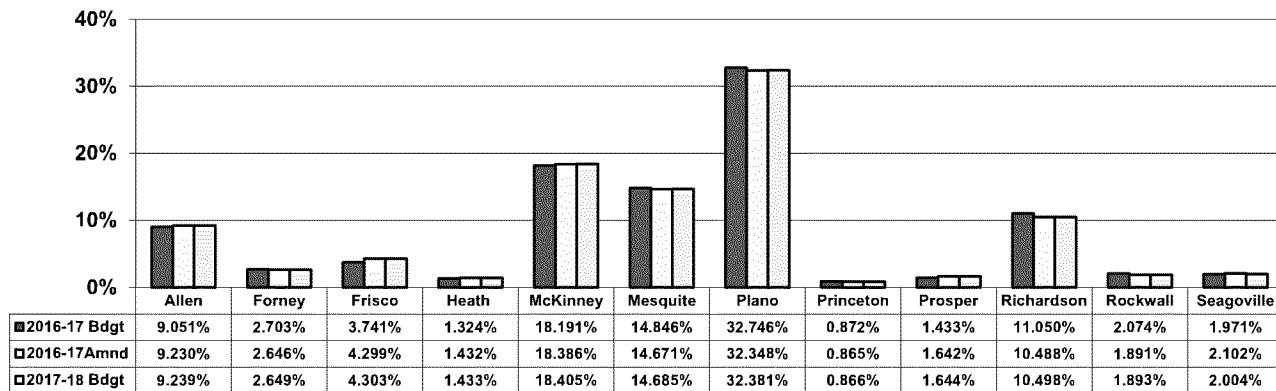
Charges for Service

The plants have been acquired or constructed under a common bond pledge and the participating cities of the System share the cost for wastewater treatment on the basis of proportional flow considering all four regional plants. Charges are based on current budgeted expenditures and are allocated to each city

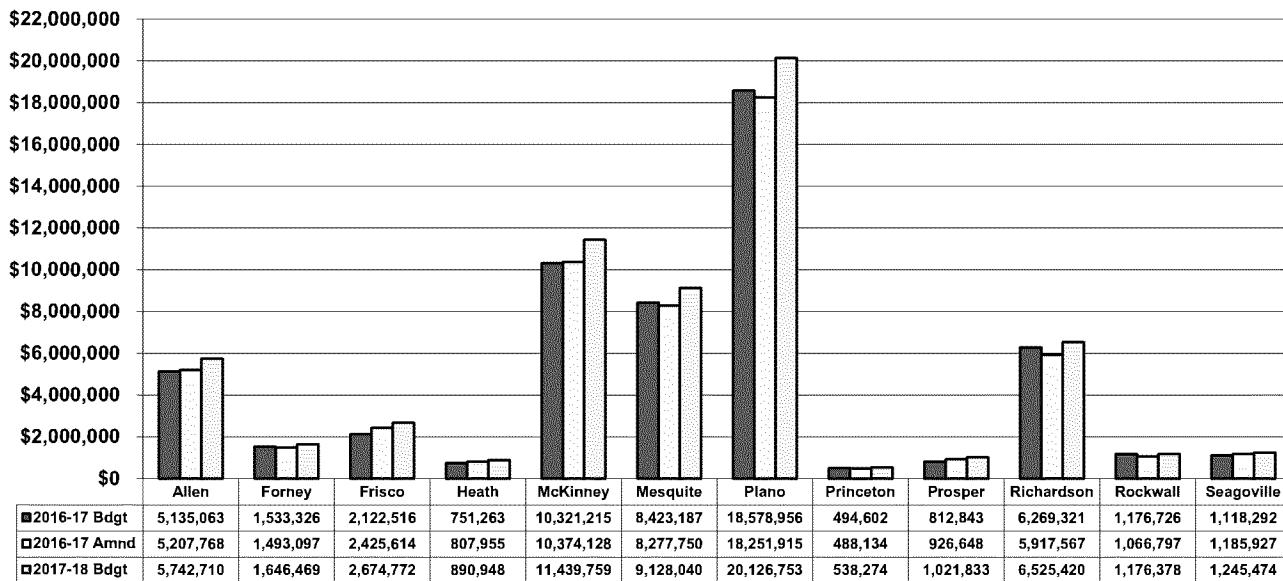
at the beginning of the year based on estimated flows. At the end of the year the actual cost for each city is determined based on actual flows and final billings are adjusted accordingly.

The total charges to be allocated to the cities for 2017-18 are \$62,156,830 after deducting interest income and other revenue in the estimated amount of \$2,342,495 from the proposed budget of \$64,499,325. Cost allocations and charges by city for the 2016-17 Budget, 2016-17 Amended Budget and 2017-18 Budget are presented below.

WASTEWATER SYSTEM COST ALLOCATION



WASTEWATER SYSTEM CITY CHARGES



Budget Review

The 2016-17 Amended Budget is \$232,500 or 0.4% less than the Original Budget. This decrease is primarily the net result of \$332,205 of savings in electric power, \$254,360 in savings to chemical expenses, and an increase of \$330,775 for various electrical and mechanical repairs.

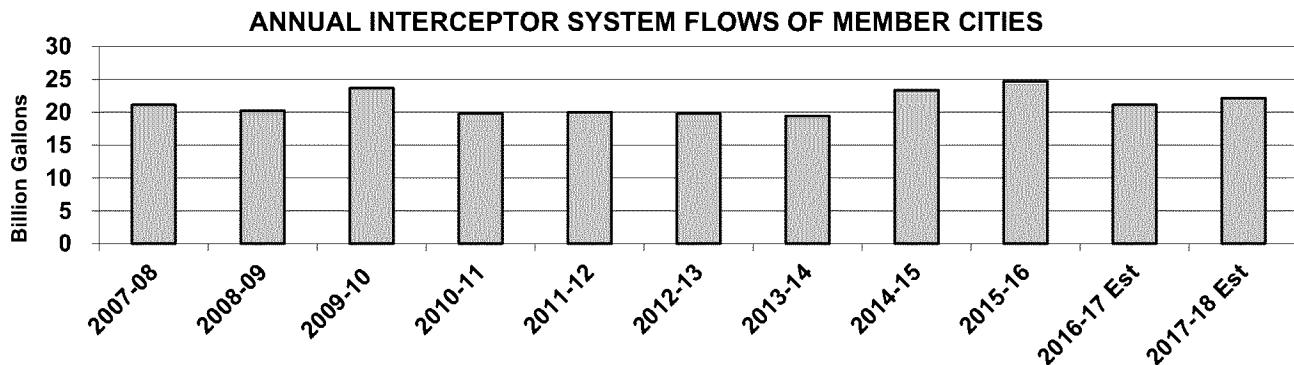
Expenditures in the amount of \$64,499,325 are requested for the 2017-18 Budget, which are \$5,588,530 or 9.5% more than the 2016-17 Budget. This increase is primarily the result of the following increases: additional debt service costs of \$3,868,130 associated with the issuance of \$63 million in revenue bonds in 2017-18 and a full year of debt service requirement for the \$75 million in revenue bonds issued in 2016-17, an increase of \$622,955 in other supplies for lighting improvements and replacement of various pumps and maintenance repairs, a \$541,800 increase in capital outlay expenditures for a forklift and roll off truck at the Wilson Creek WWTP, replacement of dewatering equipment at the Rowlett WWTP and Mesquite WWTP, \$230,000 for additional overtime, and an increase in fuel costs of \$93,195.

INTERCEPTOR SYSTEM

General

The Upper East Fork Interceptor System is a regional program developed to transport wastewater for the Cities of Allen, Frisco, McKinney, Plano, Princeton, Prosper and Richardson to the District's Regional Wastewater System. Interceptor pipelines and related facilities have been constructed pursuant to Interceptor System Contracts and all participants of the System share the cost of wastewater transportation on a uniform basis.

The Interceptor System, which consists of 194 miles of interceptor pipelines, lift stations and force mains, currently transports 59.2 mgd of wastewater for Member Cities to the Regional Wastewater System for treatment. Member City annual flows for 2016-17 are expected to be 21.12 billion gallons, which is 5% less than expected for the year. Member City annual flows for 2017-18 are estimated to be 22.15 billion gallons. Member City flow information is presented below.



Interceptor Facilities

The District is currently completing several interceptor projects, including improvements to the Lower Rowlett Creek and Lower Cottonwood Creek Lift Station, improvements to the Beck Branch Interceptor Phase II, and improvements to the North McKinney Interceptor Phase II.

In 2017-18 the District is planning to issue \$78 million of revenue bonds to fund the construction of the Indian Creek Force Main and Lift Station No. 2, Beck Branch Parallel Interceptor and various

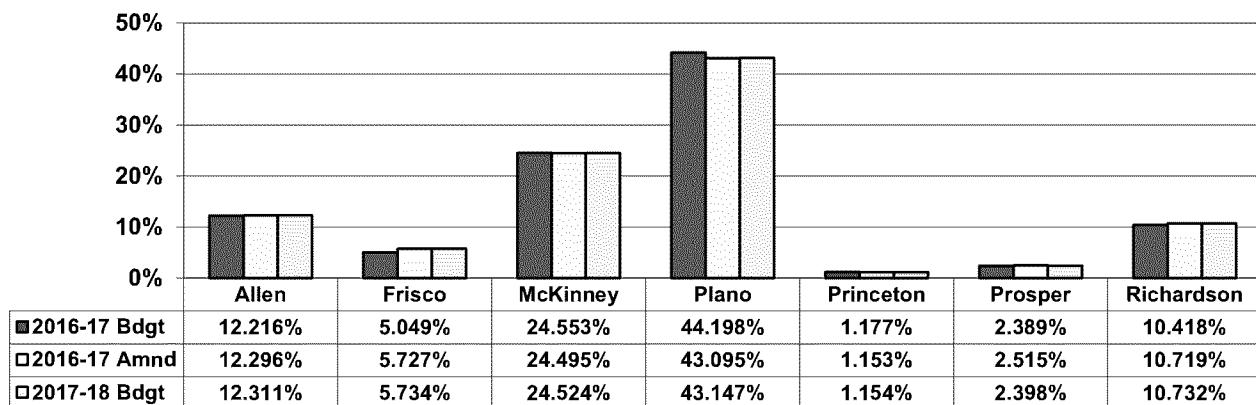
system improvements including construction of the Plano Spring Creek Lift Station improvements, Wilson Creek Lift Station improvements, and 121 Force Main improvements. The 2017-18 Budget provides funding for the debt service requirements for this bond issue.

Charges for Service

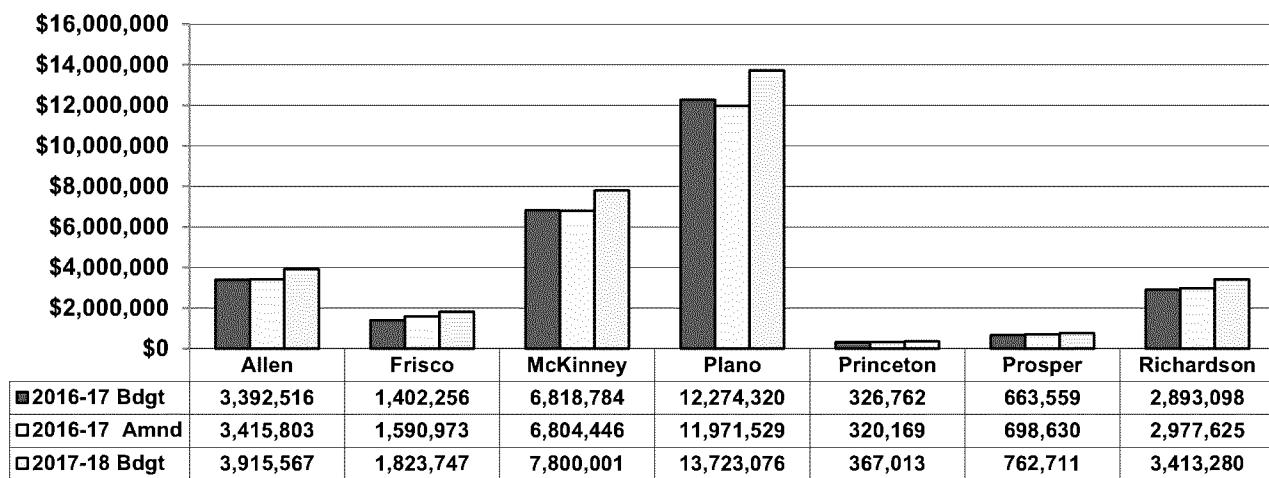
The System has been constructed under a common bond pledge and the participating cities share the cost for wastewater transportation on the basis of proportional flows. Charges are based on current budgeted expenditures and are allocated to each city at the beginning of the year based on estimated flows. At the end of the year, the actual cost for each city is determined based on actual flows and final billing adjustments are applied accordingly.

The total charges to be allocated to the Cities for 2017-18 are \$31,805,395 after deducting interest income and other revenue in the estimated amount of \$2,268,535 from the proposed budget of \$34,073,930. The charts below present the cost allocations and charges by city for the 2016-17 Budget, 2016-17 Amended Budget and 2017-18 Budget.

INTERCEPTOR SYSTEM COST ALLOCATION



INTERCEPTOR SYSTEM CHARGES BY CITY



Budget Review

The 2016-17 Amended Budget is \$48,000 or 0.2% less than the Original Budget.

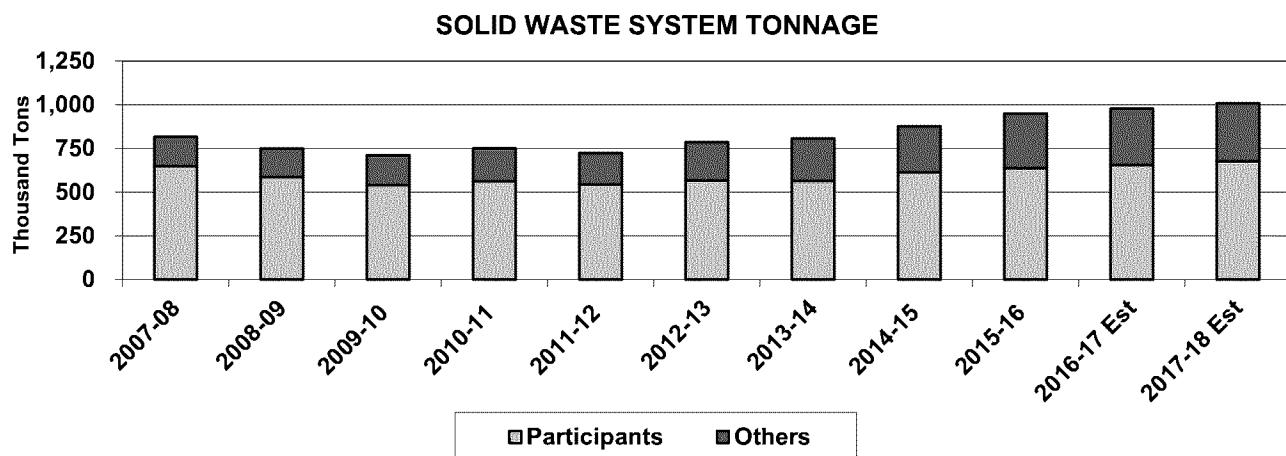
Expenditures in the amount of \$34,073,930 are requested for the 2017-18 Budget, which is \$5,067,075 or 17.5% more than the 2016-17 Budget. This increase is primarily the result of additional debt service requirements of \$5,553,950 associated with the issuance of \$78 million of revenue bonds in 2017-18 in addition to a full year of debt service requirement for \$37 million in revenue bonds issued in 2016-17, an additional \$862,850 for pipeline inspections and cleaning, and a reduction in special studies in the amount of \$1,400,000.

SOLID WASTE SYSTEM

General

The Regional Solid Waste System provides solid waste transfer and disposal services for the Cities of Allen, Frisco, McKinney, Plano and Richardson. These cities share the costs of the development and operations of transfer stations and regional disposal facilities on a uniform basis.

It is estimated that a total of 655,591 tons of waste will be received from the participating cities during 2016-17 and that the participating cities will deliver 676,055 tons to the District in 2017-18. Solid waste tonnage information is presented below.



Solid Waste Facilities

The Solid Waste System consists of the 121 Regional Disposal Facility, McKinney Landfill, Maxwell Creek Landfill and three transfer stations that are geographically located to provide convenient access for all participating cities. The Maxwell Creek Landfill and McKinney Landfill have been closed. The 121 Regional Disposal Facility is expected to meet the solid waste needs of the region for the next 39 years.

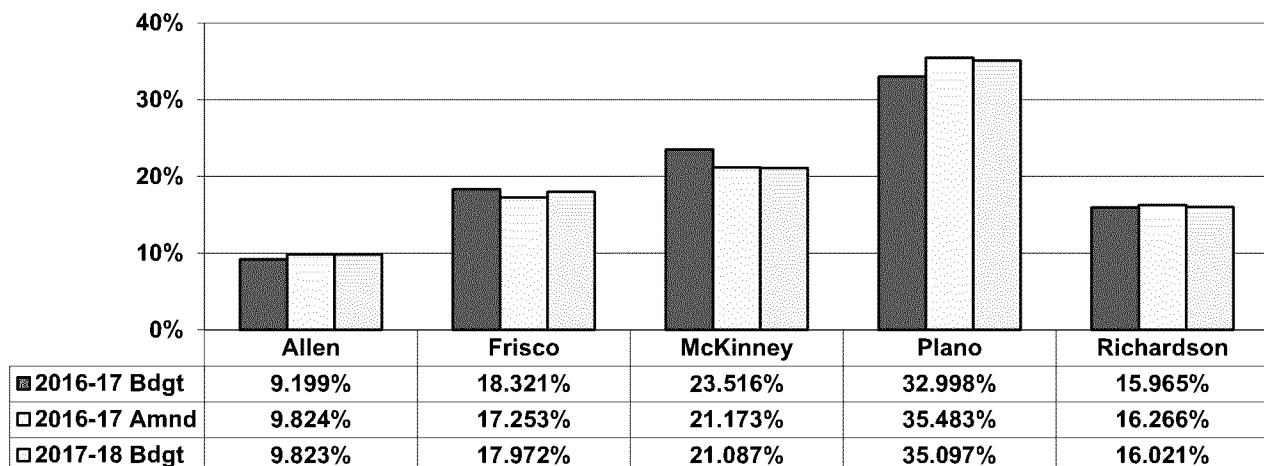
The District is planning to issue \$21 million of revenue bonds to fund concrete paving improvements and cell developments at the 121 Regional Disposal Facility. The 2017-18 Budget provides funding for the debt service requirements for this bond issue.

Charges for Service

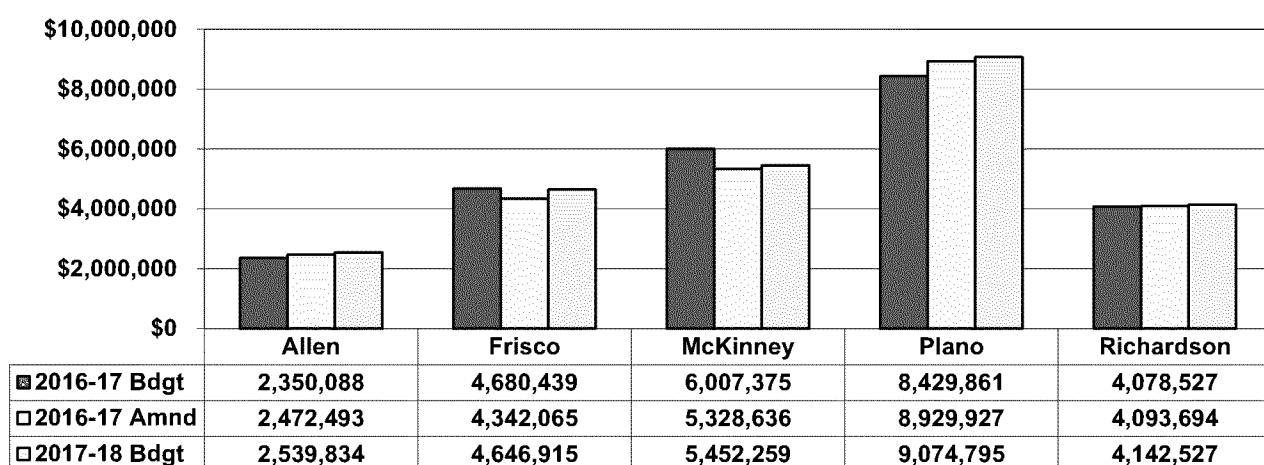
The System has been developed under a common bond pledge and the participating cities share the cost of solid waste transfer and disposal services on the basis of contributed tonnage. At the beginning of each year, operations and maintenance charges are allocated to each city based on estimated tonnage and debt service charges are allocated to each city based on the greater of the city's 5 year average tonnage or 25% of the highest year tonnage. The debt service charge is also reduced by other budgeted revenue. At the end of the year the actual cost for each city is determined based on actual tonnage and final billing adjustments are applied accordingly.

The total charges to be allocated to the cities for 2017-18 are \$25,856,330 after deducting interest and other revenue in the estimated amount of \$9,993,805 from the proposed budget of \$35,850,135. Cost allocations and charges by city for the 2016-17 Budget, 2016-17 Amended Budget and 2017-18 Budget are presented as follows:

SOLID WASTE SYSTEM COST ALLOCATION



SOLID WASTE SYSTEM CHARGES BY CITY



Budget Review

The 2016-17 Amended Budget for expenditures and revenues is \$2,422,350 more than the Original Budget.

This increase is primarily the net result of an increase in the transfer to the Capital Improvement Fund in the amount of \$2,579,500 to fund future capital improvement projects, additional overtime costs of \$776,000 due to an increase in tonnage received, a decrease in debt funding in the amount of \$533,090 due to rescheduling of capital improvement projects, and savings in fuel costs of \$443,430. The increases in expenses are offset by increases in sludge disposal revenue in the amount of \$294,460 and outside customer revenue in the amount of \$2,080,175 due to cleanup for weather related events and growth within the service area.

Expenditures in the amount of \$35,850,135 are requested for the 2017-18 Budget, which are \$3,183,725 or 9.7% more than the 2016-17 Budget. This increase is primarily the net result of an increase in funding of the equipment replacement escrow of \$1,631,765, debt service requirements of \$597,825 associated with the \$21 million of revenue bonds to be issued in 2017-18, and full year funding for 3 transport drivers.

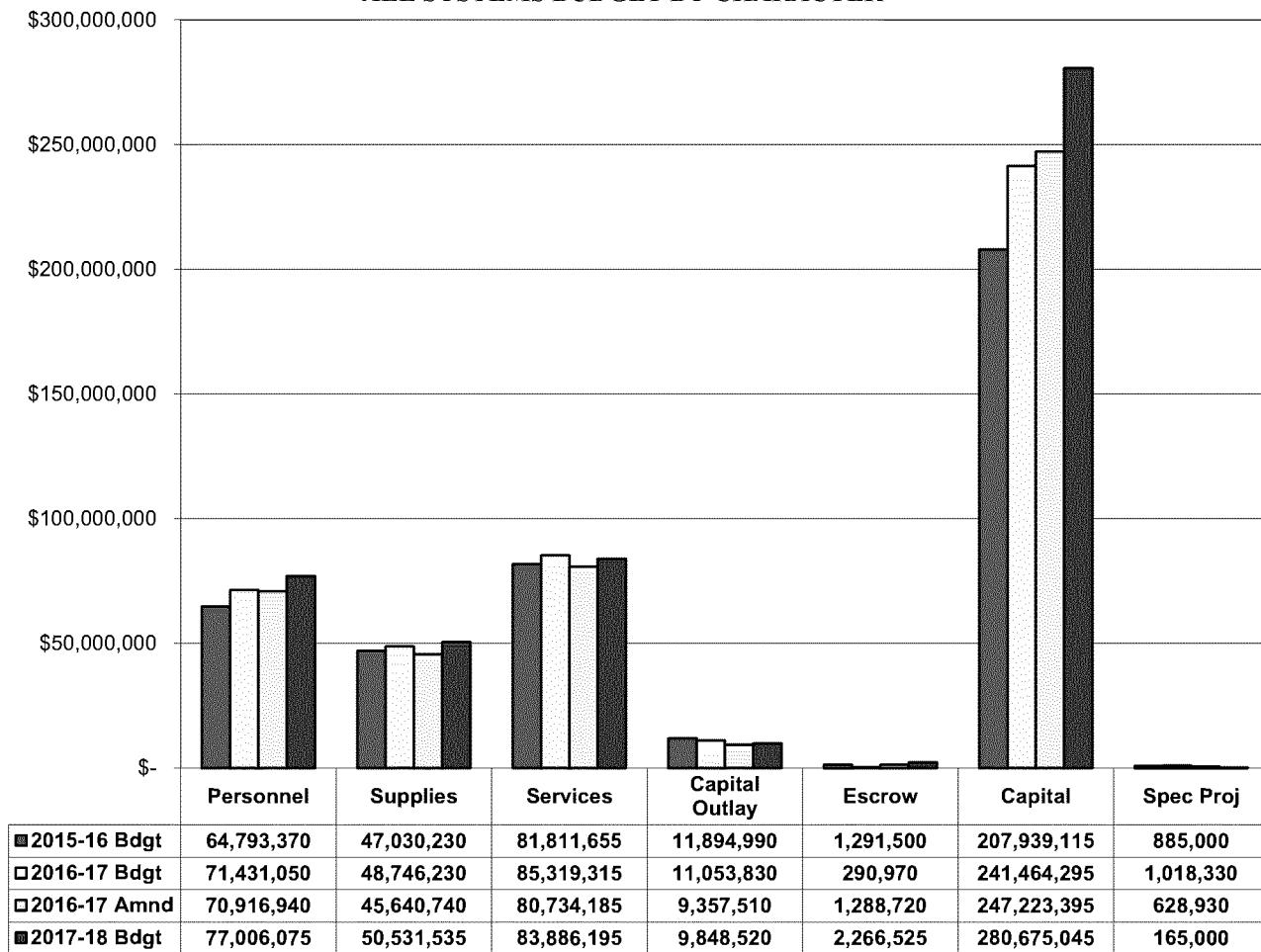
REVIEW BY CHARACTER

The following is a comparison of the Budget for fiscal years 2015-16 through 2017-18 by Character.

ALL SYSTEMS BUDGET BY CHARACTER

Character	2015-16 Budget	2016-17 Budget	2016-17 Amended	2017-18 Budget
Personnel	\$ 64,793,370	\$ 71,431,050	\$ 70,916,940	\$ 77,006,075
Supplies	47,030,230	48,746,230	45,640,740	50,531,535
Services	81,811,655	85,319,315	80,734,185	83,886,195
Capital Outlay	11,894,990	11,053,830	9,357,510	9,848,520
Escrow	1,291,500	290,970	1,288,720	2,266,525
Capital	207,939,115	241,464,295	247,223,395	280,675,045
Special Projects	885,000	1,018,330	628,930	165,000
Total	\$ 415,645,860	\$ 459,324,020	\$ 455,790,420	\$ 504,378,895

ALL SYSTEMS BUDGET BY CHARACTER



PERSONNEL

The 2016-17 Amended Budget is \$514,110 or 0.7% less than the Original Budget. This decrease is primarily due to timing of filling vacant positions.

The 2017-18 Budget is \$5,575,025 or 7.8% greater than the 2016-17 Budget. This increase includes \$4,281,680 for salaries and wages and \$1,293,345 for benefits. The increase in salaries and wages is primarily the result of implementation of a salary study in the amount of \$1,441,560, a performance based salary adjustment in the amount of \$1,362,625, 17 additional positions in 2017-18 in the amount of \$940,735 and an increase to overtime in the amount of \$850,055.

The salary study performed during 2016-17 included a market adjustment of 2.5%, range adjustment and cost to bring salaries up to the new minimums.

In the performance based salary adjustment, each employee's salary adjustment can range from 0% to 5% depending on their performance evaluation. The performance based salary adjustment is budgeted at 3%. The performance evaluation is intended to assist supervisors and employees by providing a tool to:

- Recognize good performance.
- Identify areas needing improvement.
- Create incentives for increased efficiency and good conduct.
- Provide a record to support classification changes, salary adjustments and disciplinary actions.
- Improve communications between supervisors and employees.

The 17 additional positions in 2017-18 is a 2.2% increase to 793 employees. A list of individual positions by department is included in the appendix of this budget document. Following are the total requested positions by operational activity.

<u>Operations</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2017-18</u>
	<u>Total</u>	<u>Requested</u>	<u>Total</u>
Water	461	8	*
Wastewater	211	9	**
Solid Waste	104	0	
Total	776	17	793

* Funding for 5 new positions to support LBCR and Leonard WTP.

** 8 new positions to support the expansion at Stewart Creek West WWTP (Funded 100% by Frisco).

The schedule presented below provides the budgeted costs for the implementation of the salary study, the performance based salary adjustment and the net of 17 additional positions in 2017-18 by system.

	RWS	RWWS	RS WS	UEFIS	SS	Total
2017-18 Additional Positions	8.00 \$ 538,190	1.00 \$ 39,805	- \$ -	- \$ -	8.00 \$ 362,740	17.00 \$ 940,735
Performance Based Salary Adjustment	\$ 869,785	\$ 201,645	\$ 164,045	\$ 32,605	\$ 94,545	\$ 1,362,625
Salary Study						
Market Adjustment	\$ 522,755	\$ 78,760	\$ 98,610	\$ 12,105	\$ 30,020	\$ 742,250
Range Adjustment	\$ 302,190	\$ 141,685	\$ 64,460	\$ 27,910	\$ 71,220	\$ 607,465
Cost to Bring to the New Minimums	\$ 45,110	\$ 19,735	\$ 9,700	\$ 1,215	\$ 16,085	\$ 91,845
Total Salary Study	<u>\$ 870,055</u>	<u>\$ 240,180</u>	<u>\$ 172,770</u>	<u>\$ 41,230</u>	<u>\$ 117,325</u>	<u>\$ 1,441,560</u>
Total	<u>\$ 2,278,030</u>	<u>\$ 481,630</u>	<u>\$ 336,815</u>	<u>\$ 73,835</u>	<u>\$ 574,610</u>	<u>\$ 3,744,920</u>

SUPPLIES

The 2016-17 Amended Budget is \$3,105,490 or 6.4% less than the Original Budget. This decrease is primarily due to reduced chemical costs of \$3,094,245 and reduced fuel costs of \$597,055. The decrease in chemical costs resulted from reduced water consumption. These decreases are partially offset by increases in electrical and mechanical repairs at the regional wastewater treatment plants of \$330,775 and supplies for mechanical repairs at the Muddy Creek WWTP of \$58,690.

The 2017-18 Budget is \$1,785,305 or 3.7% more than the 2016-17 Budget. This increase is primarily due to an increase in chemical costs of \$977,040, fuel costs of \$401,220, mechanical supplies in the Regional Wastewater System costs of \$181,525, and replacement of Ultraviolet Bulbs and plant lighting improvements of \$254,110 at the Wilson Creek Regional WWTP.

SERVICES

The 2016-17 Amended Budget is \$4,585,130 or 5.4% less than the Original Budget. This decrease is primarily the net result of reduced power costs of \$4,917,800, raw water purchases of \$2,758,375 that resulted from reduced water consumption and favorable electric power contracts, and is offset by increases in legal services of \$1,320,180 due to Public Utility Commission of Texas (PUCT) activities, uninsured losses of \$656,825 due to 2016 hail damage claims, \$571,500 for solid waste leachate disposal, and engineering consulting services of \$354,995.

The 2017-18 Budget is \$1,433,120 or 1.7% less than the 2016-17 Budget. This decrease is the net result of a decrease in electrical power costs of \$2,870,155 and an increase in legal services costs of \$1,454,200 due to PUCT activities.

CAPITAL OUTLAY

The 2016-17 Amended Budget is \$1,696,320 or 15.3% less than the Original Budget due to funding cell construction projects with capital improvement funds in the Regional Solid Waste System.

The 2017-18 Budget is \$1,205,310 or 10.9% less than the 2016-17 Budget. The 2017-18 Capital Outlay Schedule is included in the Appendix of this budget document. In addition to landfill development costs, major capital outlay items requested for 2017-18 includes 15 vehicles, 3 transport trucks, 3 wheel loaders and 2 roll-off trucks.

ESCROW

The 2016-17 Amended Budget is \$997,750 or 342.9% more than the Original Budget. This increase is due to an increase of \$1 million in the Upper East Fork Interceptor Preventative Maintenance Escrow Fund. This increase is planned to pay for pipeline inspections in future years.

The 2017-18 Budget is \$1,975,555 or 679.0% more than the 2016-17 Budget. This increase is primarily the result of additional funding for the Solid Waste Equipment Replacement Fund in the amount of \$1,631,765 and additional funding for the Sewer Systems' Preventative Maintenance Funds in the amount of \$352,920. These Preventative Maintenance Funds enable periodic maintenance activities such as manhole rehabilitation, pipeline cleaning and condition assessment.

CAPITAL

The 2016-17 Amended Budget is \$5,759,100 or 2.4% more than the Original Budget. This increase is primarily the result of additional transfers to the Capital Improvement Fund in the Regional Water System and Regional Solid Waste System. The additional transfers in the Regional Water System were made available as a result of savings due to the deferral of \$1,064,950 for the startup of the Main Stem Pump Station, the deferral of \$1,693,425 for activities to initiate the transfer of water resources from Lake Fork Reservoir, and increased additional other revenue of \$1,160,365. The additional transfers to the Capital Improvement Fund in the Regional Solid Waste System were made available as a result of a decrease in debt service of \$533,090 and increased outside customer revenue in the amount of \$2,080,175 due to cleanup for weather related events and growth within the service area.

The 2017-18 Budget is \$39,210,750 or 16.2% more than the 2016-17 Budget. This increase is primarily due additional requirements for bond issuances of \$831 million for the Water System, \$63 million for the Wastewater System, \$78 million for the Upper East Fork Interceptor System, \$23 million for the sewer system and \$21 million for the Regional Solid Waste System that are planned for 2017-18. Lists of the projects to be funded by the planned bond issues are included in the Appendix of this budget document. The 2017-18 Budget includes funding for the required debt service payments related to these bond issues.

SPECIAL PROJECTS

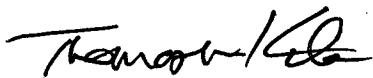
The 2016-17 Amended Budget is \$389,400 or 38.2% less than the Original Budget primarily due to the timing of various repair projects in the Regional Wastewater System.

The 2017-18 Budget is \$853,330 or 83.8% less than the 2016-17 Budget. This decrease is due to the timing of various projects.

RECOMMENDATION

The 2017-18 Annual All Systems Budget as proposed in the amount of \$504,378,895 provides a responsible plan for the financial operations and development of the North Texas Municipal Water District and is recommended by the Executive Director / General Manager and Staff to the Board of Directors for approval at the September 28, 2017, regular Board Meeting. Should you have any questions or need additional information, please do not hesitate to contact my office or Erik Felthous, Finance Manager.

Respectfully Submitted,



Thomas W. Kula
Executive Director / General Manager

2017 - 2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

2017 - 2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

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2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE COMPARISON

BY FUNCTION AND BY CHARACTER

BY FUNCTION	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
5310 GENERAL	\$ 7,576,623	\$ 4,713,368	\$ 5,053,920	\$ 6,246,645	\$ 6,212,135
5311 PUBLIC INFORMATION SERVICES	1,904,714	422,250	447,695	489,555	493,885
5313 INFORMATION TECHNOLOGY	-	3,344,960	4,369,715	4,241,575	4,158,400
5320 ADMINISTRATION	3,258,070	4,141,640	4,497,290	4,483,830	5,173,900
5330 PLANT OPERATIONS	33,336,879	39,479,828	48,821,875	44,676,895	48,886,760
5331 TEXOMA PUMP STATION	1,223,214	867,980	1,633,225	1,434,440	1,519,920
5332 CHAPMAN PUMP STATION	577,769	455,775	1,347,960	1,617,425	1,254,125
5333 TAWAKONI RAW WTR PS & WTP	11,691,631	6,682,427	10,602,715	7,208,790	11,433,305
5334 EAST FORK RAW WTR SUPPLY	4,408,681	2,654,417	5,573,360	4,351,550	4,163,125
5335 BONHAM WTP	1,245,184	1,309,508	1,746,635	1,696,400	1,478,015
5340 FACILITIES SERVICES	12,168,825	14,972,664	16,148,645	15,332,295	15,059,645
5350 TECHNICAL SERVICES	7,832,780	9,449,201	9,772,260	9,954,610	10,060,475
5360 LABORATORY SERVICES	2,901,320	3,158,965	3,805,720	3,688,660	3,530,595
5370 ENGINEERING SERVICES	7,180,150	8,913,666	9,638,350	9,392,295	10,191,700
5380 ENVIRONMENTAL SERVICES	884,248	1,170,183	1,334,965	1,338,620	1,339,945
5381 PERMITTING	278,950	729,047	1,161,555	759,510	1,033,760
5382 REGULATORY COMPLIANCE	141,902	440,048	1,159,680	838,690	401,805
5390 SAFETY	-	-	-	-	981,625
5999 DEBT SERVICE	<u>128,056,244</u>	<u>161,955,904</u>	<u>175,380,750</u>	<u>179,024,840</u>	<u>204,313,740</u>
TOTAL	<u>\$ 224,667,182</u>	<u>\$ 264,861,832</u>	<u>\$ 302,496,315</u>	<u>\$ 296,776,625</u>	<u>\$ 331,686,860</u>

BY CHARACTER

PERSONNEL	\$ 33,817,537	\$ 38,847,878	\$ 43,656,260	\$ 42,758,490	\$ 46,823,425
SUPPLIES	21,598,439	25,269,500	31,215,615	28,416,250	31,685,060
SERVICES	39,554,778	36,018,320	48,317,085	42,965,490	46,447,135
CAPITAL OUTLAY	1,571,925	2,770,231	3,233,275	3,015,225	2,272,500
ESCROW	50,000	-	50,000	50,000	50,000
CAPITAL IMPROVEMENT FUND	34,200,000	76,902,555	63,600,000	67,255,000	68,185,000
DEBT SERVICE	93,856,244	85,053,349	111,780,750	111,769,840	136,128,740
SPECIAL PROJECTS	18,259	-	643,330	546,330	95,000
TOTAL	<u>\$ 224,667,182</u>	<u>\$ 264,861,832</u>	<u>\$ 302,496,315</u>	<u>\$ 296,776,625</u>	<u>\$ 331,686,860</u>

DESCRIPTION

The Regional Water System currently provides treated water service to areas having an estimated population in excess of 1.6 million, including 13 member cities and 33 other area customer cities and water supply corporations.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

BUDGET SUMMARY

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Revenues:					
Treated Water Sales:					
Members	\$ 179,481,426	\$ 209,429,504	\$ 240,426,209	\$ 233,740,290	\$ 264,183,739
Customers	36,337,799	43,114,579	49,026,772	48,832,124	55,208,745
Retail Customers	24,120	21,688	23,000	18,160	20,000
Raw Water Sales	4,168	2,086	3,400	2,700	2,780
Total	<u>215,847,513</u>	<u>252,567,857</u>	<u>289,479,381</u>	<u>282,593,274</u>	<u>319,415,265</u>
Other Charges:					
Administrative	3,616,760	5,068,955	4,775,460	4,775,460	4,111,990
IT Services	48,610	130,197	832,695	814,370	1,011,760
Laboratory	1,934,300	2,133,305	2,325,340	2,325,340	1,891,990
Maintenance & Technical Services	799,998	1,087,468	999,150	1,337,950	1,103,500
Permitting	-	538,555	580,775	580,775	364,525
Regulatory Compliance	-	240,115	637,825	637,825	242,030
Research & Development	689,180	590,935	667,485	667,485	585,090
Safety	-	-	-	-	397,980
Inspectors	1,707,853	1,899,884	1,850,000	2,083,000	2,090,000
Other	471,972	780,965	322,859	862,366	367,711
Total	<u>9,268,673</u>	<u>12,470,379</u>	<u>12,991,589</u>	<u>14,084,571</u>	<u>12,166,576</u>
Interest Income	<u>15,891</u>	<u>80,182</u>	<u>61,000</u>	<u>133,925</u>	<u>144,000</u>
Total	<u>\$ 225,132,077</u>	<u>\$ 265,118,418</u>	<u>\$ 302,531,970</u>	<u>\$ 296,811,770</u>	<u>\$ 331,725,840</u>
Expenditures:					
Personnel:					
Salaries & Wages	22,883,618	26,363,934	30,535,865	29,683,535	32,815,570
Other	10,933,919	12,483,943	13,120,395	13,074,955	14,007,855
Total	<u>33,817,537</u>	<u>38,847,878</u>	<u>43,656,260</u>	<u>42,758,490</u>	<u>46,823,425</u>
Supplies:					
Fuel	449,201	346,034	423,340	386,715	451,690
Chemicals	17,725,800	19,864,911	24,591,620	21,806,405	25,385,285
Other	3,423,438	5,058,555	6,200,655	6,223,130	5,848,085
Total	<u>21,598,439</u>	<u>25,269,500</u>	<u>31,215,615</u>	<u>28,416,250</u>	<u>31,685,060</u>
Services:					
Power	17,280,686	13,116,950	18,922,870	14,946,625	16,541,160
Water Purchases	6,909,337	2,662,651	6,703,495	3,945,120	5,614,880
Other	15,364,755	20,238,718	22,690,720	24,073,745	24,291,095
Total	<u>39,554,778</u>	<u>36,018,320</u>	<u>48,317,085</u>	<u>42,965,490</u>	<u>46,447,135</u>
Capital Outlay	1,571,925	2,770,231	3,233,275	3,015,225	2,272,500
Escrow - Rsv for Maint	50,000	-	50,000	50,000	50,000
Capital Improvement Fund	34,200,000	76,902,555	63,600,000	67,255,000	68,185,000
Debt Service	93,856,244	85,053,349	111,780,750	111,769,840	136,128,740
Special Projects	<u>18,259</u>	<u>-</u>	<u>643,330</u>	<u>546,330</u>	<u>95,000</u>
Total	<u>\$ 224,667,182</u>	<u>\$ 264,861,832</u>	<u>\$ 302,496,315</u>	<u>\$ 296,776,625</u>	<u>\$ 331,686,860</u>
Revenues Over / (Under) Expenditures	<u>464,895</u>	<u>256,586</u>	<u>35,655</u>	<u>35,145</u>	<u>38,980</u>

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5310 GENERAL**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 3,280,666	\$ 1,895,804	\$ 2,340,615	\$ 2,242,365	\$ 2,251,970
SUPPLIES	561,111	74,717	41,520	49,360	31,825
SERVICES	3,592,403	2,704,999	2,578,455	3,938,590	3,878,340
CAPITAL OUTLAY	124,184	37,848	-	-	-
SPECIAL PROJECTS	18,259	-	93,330	16,330	50,000
TOTAL	\$ 7,576,623	\$ 4,713,368	\$ 5,053,920	\$ 6,246,645	\$ 6,212,135

DESCRIPTION

The General Function provides the funding for the Board of Directors, the Executive Director/General Manager and Executive Staff. The Board of Directors consists of twenty-five members appointed by the thirteen Member Cities for two-year staggered terms. The Executive Director/General Manager is responsible to the Board of Directors for the activities of the North Texas Municipal Water District and the Deputy Directors perform the executive control of operations. The primary duties of this function are assistance in establishment of NTMWD Board of Directors policies and implementation of the planning and operational functions of the NTMWD.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5310 GENERAL

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 2,191,177	\$ 1,090,390	\$ 1,760,475	\$ 1,512,605	\$ 1,600,440
Other	1,089,489	805,414	580,140	729,760	651,530
Total	<u>3,280,666</u>	<u>1,895,804</u>	<u>2,340,615</u>	<u>2,242,365</u>	<u>2,251,970</u>
Supplies:					
Fuel	10,138	1,945	5,100	4,490	3,000
Chemicals	-	-	-	-	-
Other	550,973	72,772	36,420	44,870	28,825
Total	<u>561,111</u>	<u>74,717</u>	<u>41,520</u>	<u>49,360</u>	<u>31,825</u>
Services:					
Power	(42)	50,552	44,000	38,940	33,600
Water Purchases	-	-	-	-	-
Other	3,592,445	2,654,447	2,534,455	3,899,650	3,844,740
Total	<u>3,592,403</u>	<u>2,704,999</u>	<u>2,578,455</u>	<u>3,938,590</u>	<u>3,878,340</u>
Capital Outlay	124,184	37,848	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	18,259	-	93,330	16,330	50,000
Total	<u>\$ 7,576,623</u>	<u>\$ 4,713,368</u>	<u>\$ 5,053,920</u>	<u>\$ 6,246,645</u>	<u>\$ 6,212,135</u>

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5311 PUBLIC RELATIONS/INFORMATION SERVICES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 240,421	\$ 239,631	\$ 253,425	\$ 295,805	\$ 319,735
SUPPLIES	9,958	6,456	5,970	6,915	6,220
SERVICES	1,571,081	176,163	188,300	186,835	167,930
CAPITAL OUTLAY	83,253	-	-	-	-
TOTAL	\$ 1,904,714	\$ 422,250	\$ 447,695	\$ 489,555	\$ 493,885

DESCRIPTION

The Public Relations department is responsible for development and implementation of overall strategic public relations and communications for the District and its role providing regional water, wastewater, and solid waste disposal services. The public relations team provides counsel and support to executive leaders, managers and the Board of Directors on internal and external communications, media relations, issues management, stakeholder engagement and organization objectives. Through the development of strategies, messages and communication tools, the Public Relations team helps the Organization build public trust, establish a positive brand and image, and promotes successful NTMWD Operations, policies, programs and projects. Department staff develop and provide information to Member Cities and Customers, media, legislative representatives, civic groups, corporate or industry organizations, and the general public. Public Relations projects and communication tools include newsletters, videos, brochures/fact sheets, reports, website, social media, presentations, facility tours, special events, and advertising to support multiple district departments: Water, Wastewater, Solid Waste, Engineering, Planning, Environmental Services, Human Resources, and Finance.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5311 PUBLIC RELATIONS/INFORMATION SERVICES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 178,322	\$ 182,068	\$ 207,395	\$ 224,660	\$ 237,695
Other	62,099	57,563	46,030	71,145	82,040
Total	<u>240,421</u>	<u>239,631</u>	<u>253,425</u>	<u>295,805</u>	<u>319,735</u>
Supplies:					
Fuel	1,245	238	1,200	1,200	2,000
Chemicals	-	-	-	-	-
Other	8,713	6,218	4,770	5,715	4,220
Total	<u>9,958</u>	<u>6,456</u>	<u>5,970</u>	<u>6,915</u>	<u>6,220</u>
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	1,571,081	176,163	188,300	186,835	167,930
Total	<u>1,571,081</u>	<u>176,163</u>	<u>188,300</u>	<u>186,835</u>	<u>167,930</u>
Capital Outlay	83,253	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	\$ 1,904,714	<b">\$ 422,250</b">	<b">\$ 447,695</b">	<b">\$ 489,555</b">	\$ 493,885

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5313 INFORMATION TECHNOLOGY**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ -	\$ 1,330,528	\$ 2,130,870	\$ 2,001,185	\$ 2,354,250
SUPPLIES	-	707,640	963,215	954,070	986,270
SERVICES	-	926,822	805,130	811,820	607,880
CAPITAL OUTLAY	-	379,971	470,500	474,500	210,000
TOTAL	\$ -	\$ 3,344,960	\$ 4,369,715	\$ 4,241,575	\$ 4,158,400

DESCRIPTION

The Information Technology Function includes three areas of responsibility. The Business Information Technology group provides systems, services and support for traditional business applications and programs needed for day to day network operations. The Information Systems group manages the Enterprise Asset Management (EAM) program, Geographic Information Systems (GIS) and other essential information related services. The Control Systems group provides support for Supervisory Control and Data Acquisition (SCADA) networking, programming and communications; and Surveillance and Security Systems.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5313 INFORMATION TECHNOLOGY

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ 1,045,497	\$ 1,558,585	\$ 1,464,325	\$ 1,667,580
Other	-	285,031	572,285	536,860	686,670
Total	-	1,330,528	2,130,870	2,001,185	2,354,250
Supplies:					
Fuel	-	5,952	14,215	8,800	8,000
Chemicals	-	-	-	-	-
Other	-	701,688	949,000	945,270	978,270
Total	-	707,640	963,215	954,070	986,270
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	-	926,822	805,130	811,820	607,880
Total	-	926,822	805,130	811,820	607,880
Capital Outlay	-	379,971	470,500	474,500	210,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	\$ -	\$ 3,344,960	\$ 4,369,715	\$ 4,241,575	\$ 4,158,400

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE SUMMARY

5320 ADMINISTRATION

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 2,551,966	\$ 3,278,141	\$ 3,593,955	\$ 3,626,020	\$ 4,016,290
SUPPLIES	97,547	148,393	224,040	213,330	182,165
SERVICES	576,676	536,527	679,295	644,480	838,845
CAPITAL OUTLAY	31,882	178,579	-	-	136,600
TOTAL	\$ 3,258,070	\$ 4,141,640	\$ 4,497,290	\$ 4,483,830	\$ 5,173,900

DESCRIPTION

The Administration Function provides for the finance, accounting, personnel and records activities for the District.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5320 ADMINISTRATION

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,747,560	\$ 2,383,248	\$ 2,538,985	\$ 2,562,330	\$ 2,846,960
Other	804,406	894,894	1,054,970	1,063,690	1,169,330
Total	<u>2,551,966</u>	<u>3,278,141</u>	<u>3,593,955</u>	<u>3,626,020</u>	<u>4,016,290</u>
Supplies:					
Fuel	-	92	1,800	530	1,800
Chemicals	-	-	-	-	-
Other	97,547	148,302	222,240	212,800	180,365
Total	<u>97,547</u>	<u>148,393</u>	<u>224,040</u>	<u>213,330</u>	<u>182,165</u>
Services:					
Power	34,137	-	-	-	-
Water Purchases	-	-	-	-	-
Other	542,539	536,527	679,295	644,480	838,845
Total	<u>576,676</u>	<u>536,527</u>	<u>679,295</u>	<u>644,480</u>	<u>838,845</u>
Capital Outlay	31,882	178,579	-	-	136,600
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 3,258,070</u>	<u>\$ 4,141,640</u>	<u>\$ 4,497,290</u>	<u>\$ 4,483,830</u>	<u>\$ 5,173,900</u>

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5330 PLANT OPERATIONS**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 5,184,138	\$ 6,229,020	\$ 7,119,365	\$ 6,824,765	\$ 7,596,080
SUPPLIES	17,570,179	20,327,888	24,642,620	22,302,440	25,241,515
SERVICES	10,171,843	12,704,192	16,659,890	15,185,545	15,697,365
CAPITAL OUTLAY	410,719	218,728	350,000	334,145	306,800
SPECIAL PROJECTS	-	-	50,000	30,000	45,000
TOTAL	\$ 33,336,879	\$ 39,479,828	\$ 48,821,875	\$ 44,676,895	\$ 48,886,760

DESCRIPTION

The Plant Operations Function provides for the operation and maintenance of the four water treatment plants and the raw water pumping facilities located in Wylie. The water treatment plants currently have a maximum capacity of 770 million gallons per day. Raw water from Lake Lavon, Lake Texoma, Chapman Reservoir, the Tawakoni Raw Water Supply Project and the East Fork Raw Water Supply Project is treated at the Wylie Water Treatment Plant. Safe, dependable, potable drinking water meeting all Federal and State standards is treated in Wylie and then transported to NTMWD Member and Customer Cities.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5330 PLANT OPERATIONS

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 3,534,727	\$ 4,060,004	\$ 4,989,300	\$ 4,731,850	\$ 5,324,570
Other	1,649,411	2,169,016	2,130,065	2,092,915	2,271,510
Total	5,184,138	6,229,020	7,119,365	6,824,765	7,596,080
Supplies:					
Fuel	27,634	24,120	24,495	23,995	23,390
Chemicals	16,447,424	18,735,045	22,656,000	20,377,760	23,389,350
Other	1,095,122	1,568,723	1,962,125	1,900,685	1,828,775
Total	17,570,179	20,327,888	24,642,620	22,302,440	25,241,515
Services:					
Power	3,327,075	1,380,125	3,613,185	1,732,555	2,434,525
Water Purchases	-	-	-	-	-
Other	6,844,768	11,324,067	13,046,705	13,452,990	13,262,840
Total	10,171,843	12,704,192	16,659,890	15,185,545	15,697,365
Capital Outlay	410,719	218,728	350,000	334,145	306,800
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	50,000	30,000	45,000
Total	\$ 33,336,879	\$ 39,479,828	\$ 48,821,875	\$ 44,676,895	\$ 48,886,760

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5331 TEXOMA PUMP STATION**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ 7,550	\$ 31,210	\$ 58,450	\$ 74,225	\$ 76,300
SERVICES	<u>1,215,664</u>	<u>836,770</u>	<u>1,574,775</u>	<u>1,360,215</u>	<u>1,443,620</u>
TOTAL	\$ 1,223,214	\$ 867,980	\$ 1,633,225	\$ 1,434,440	\$ 1,519,920

DESCRIPTION

The Texoma Pump Station consist of a pump station at Lake Texoma and a 25 mile, 72 inch pipeline from Lake Texoma connecting to a balancing reservior near Howe, TX. From the balancing reservior, a 46 mile 96/84 inch pipeline conveys the water by gravity to blending facilities at the Wylie WTP where the Texoma water is mixed with Lake Lavon water. Transport of the water directly to the Wylie WTP is a federal and state requirement due to the prescence of zebra mussels in Lake Texoma. The 96/84 inch pipeline can convey approximately 125 MGD to the Wylie WTP with average conveyance expected to be about 75 MGD. Utilization of the pipeline to Wylie began in May 2014.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5331 TEXOMA PUMP STATION

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	7,550	31,210	58,450	74,225	76,300
Total	7,550	31,210	58,450	74,225	76,300
Services:					
Power	1,187,782	767,638	1,488,270	1,286,485	1,327,120
Water Purchases	-	-	-	-	-
Other	27,882	69,131	86,505	73,730	116,500
Total	1,215,664	836,770	1,574,775	1,360,215	1,443,620
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 1,223,214</u>	<u>\$ 867,980</u>	<u>\$ 1,633,225</u>	<u>\$ 1,434,440</u>	<u>\$ 1,519,920</u>

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5332 CHAPMAN PUMP STATION**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ 2,521	\$ 39,069	\$ 48,325	\$ 54,325	\$ 49,175
SERVICES	525,248	416,707	1,249,635	1,513,100	1,154,950
ESCROW	50,000	-	50,000	50,000	50,000
TOTAL	\$ 577,769	\$ 455,775	\$ 1,347,960	\$ 1,617,425	\$ 1,254,125

DESCRIPTION

The Chapman Pump Station has a maximum capacity of 55 million gallons per day. Raw water is transferred from Chapman Reservoir to Lake Lavon through a 39 mile, 84-inch diameter pipeline. Raw water from Chapman Reservoir is treated at the Wylie Water Treatment Plant.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5332 CHAPMAN PUMP STATION

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	- -	- -	- -	- -	- -
Total	- -	- -	- -	- -	- -
Supplies:					
Fuel	- -	- -	- -	- -	- -
Chemicals	- -	- -	- -	- -	- -
Other	2,521	39,069	48,325	54,325	49,175
Total	2,521	39,069	48,325	54,325	49,175
Services:					
Power	482,400	383,248	1,168,130	1,434,615	1,098,090
Water Purchases	- -	- -	- -	- -	- -
Other	42,848	33,459	81,505	78,485	56,860
Total	525,248	416,707	1,249,635	1,513,100	1,154,950
Capital Outlay	- -	- -	- -	- -	- -
Escrow	50,000	- -	50,000	50,000	50,000
Debt Service	- -	- -	- -	- -	- -
Special Projects	- -	- -	- -	- -	- -
Total	\$ 577,769	\$ 455,775	\$ 1,347,960	\$ 1,617,425	\$ 1,254,125

2017-2018 ANNUAL BUDGET
REGIONAL WATER SYSTEM
EXPENDITURE SUMMARY

5333 TAWAKONI RAW WATER PUMP STATION AND WATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 843,581	\$ 971,104	\$ 989,225	\$ 950,950	\$ 1,055,740
SUPPLIES	1,224,100	1,065,133	1,802,035	1,350,450	1,858,330
SERVICES	9,623,950	4,646,190	7,811,455	4,907,390	8,519,235
TOTAL	\$ 11,691,631	\$ 6,682,427	\$ 10,602,715	\$ 7,208,790	\$ 11,433,305

DESCRIPTION

The Tawakoni Pump Station and Water Treatment Plant provides for the operation and maintenance of the Tawakoni Raw Water Supply Project pump stations, pipeline facilities and the Water Treatment Plant. The facilities consist of a lake pump station, an intermediate pump station, 12 miles of 60-inch diameter pipeline, 18 miles of 54-inch diameter pipeline and a 30 MGD Water Treatment Plant. The pump station and raw water pipeline system have a maximum capacity of 75 million gallons per day.

Raw water is diverted from Lake Tawakoni via an existing intake structure acquired from the City of Terrell and treated at the Tawakoni Water Treatment Plant. Raw water can also be delivered through the lake pump station into a 60-inch pipeline which terminates at an above grade ground storage reservoir at the intermediate pump station site. The intermediate pump station repumps water from the ground storage reservoir through a 54-inch pipeline to the 84-inch East Fork Raw Water Supply Project Pipeline. Lake Tawakoni water is blended with water from the East Fork Water Supply Project in the 84" East Fork Water Supply Project Pipeline and transported to Lake Lavon. Blended raw water from Lake Tawakoni and the East Fork Raw Water Supply Project is discharged into the Pilot Grove arm of Lake Lavon. The water is treated at the Wylie Water Treatment Plant.

2017-2018 ANNUAL BUDGET
REGIONAL WATER SYSTEM
DETAIL LISTING

5333 TAWAKONI RAW WATER PUMP STATION AND WATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 548,313	\$ 599,133	\$ 672,620	\$ 635,900	\$ 692,800
Other	295,268	371,971	316,605	315,050	362,940
Total	843,581	971,104	989,225	950,950	1,055,740
Supplies:					
Fuel	6,783	4,896	5,075	4,950	4,950
Chemicals	1,103,374	937,851	1,692,540	1,215,675	1,748,955
Other	113,943	122,387	104,420	129,825	104,425
Total	1,224,100	1,065,133	1,802,035	1,350,450	1,858,330
Services:					
Power	3,674,551	2,325,496	2,976,965	1,800,410	3,634,775
Water Purchases	5,565,478	1,879,122	4,462,105	2,768,680	4,438,440
Other	383,920	441,572	372,385	338,300	446,020
Total	9,623,950	4,646,190	7,811,455	4,907,390	8,519,235
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	\$ 11,691,631	\$ 6,682,427	\$ 10,602,715	\$ 7,208,790	\$ 11,433,305

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5334 EAST FORK RAW WATER SUPPLY**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 397,929	\$ 410,766	\$ 462,745	\$ 448,270	\$ 474,735
SUPPLIES	105,294	61,895	161,465	147,165	149,140
SERVICES	3,867,044	2,168,869	4,860,450	3,661,865	3,419,250
CAPITAL OUTLAY	38,414	12,886	88,700	94,250	120,000
TOTAL	\$ 4,408,681	\$ 2,654,417	\$ 5,573,360	\$ 4,351,550	\$ 4,163,125

DESCRIPTION

The East Fork Raw Water Supply facilities consist of a diversion pump station, constructed wetlands, a conveyance pump station, and 44 miles of 84-inch diameter pipeline. Water is diverted out of the East Fork of the Trinity River via the diversion pump station into a 2,000 acre wetlands. Diverted river water flows through the various wetland cells and is collected in a pool at the south end of the project. Water collected in the pool is pumped via the conveyance pump station through the 84-inch pipeline to the Pilot Grove arm of Lake Lavon. Raw water from the East Fork Water Supply Project is blended with water in Lake Lavon and treated at the Wylie Water Treatment Plant.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5334 EAST FORK RAW WATER SUPPLY

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 255,914	\$ 269,812	\$ 297,350	\$ 295,115	\$ 313,120
Other	142,016	140,955	165,395	153,155	161,615
Total	<u>397,929</u>	<u>410,766</u>	<u>462,745</u>	<u>448,270</u>	<u>474,735</u>
Supplies:					
Fuel	20,963	10,662	23,900	22,400	22,705
Chemicals	-	-	-	-	-
Other	84,331	51,233	137,565	124,765	126,435
Total	<u>105,294</u>	<u>61,895</u>	<u>161,465</u>	<u>147,165</u>	<u>149,140</u>
Services:					
Power	1,679,239	826,079	1,776,650	1,760,660	1,394,370
Water Purchases	1,343,859	783,529	2,241,390	1,176,440	1,176,440
Other	843,945	559,261	842,410	724,765	848,440
Total	<u>3,867,044</u>	<u>2,168,869</u>	<u>4,860,450</u>	<u>3,661,865</u>	<u>3,419,250</u>
Capital Outlay	38,414	12,886	88,700	94,250	120,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 4,408,681</u>	<u>\$ 2,654,417</u>	<u>\$ 5,573,360</u>	<u>\$ 4,351,550</u>	<u>\$ 4,163,125</u>

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE SUMMARY

5335 BONHAM WATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 838,864	\$ 912,553	\$ 949,635	\$ 933,455	\$ 959,420
SUPPLIES	252,631	269,608	320,605	297,260	321,615
SERVICES	133,709	127,346	476,395	465,685	196,980
CAPITAL OUTLAY	19,980	-	-	-	-
TOTAL	\$ 1,245,184	\$ 1,309,508	\$ 1,746,635	\$ 1,696,400	\$ 1,478,015

DESCRIPTION

The Bonham Water Treatment Plant Function provides for the operation and maintenance of the Bonham Water Treatment Plant, raw water pumping facilities, and raw water pipeline. The water treatment plant has a maximum capacity of 6.6 million gallons per day. Raw water is transferred from Lake Bonham through an intake structure to the raw water pump station then to the water plant via a raw water pipeline. Potable water meeting all state and federal standards is produced at the Bonham Water Plant.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5335 BONHAM WATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 547,029	\$ 587,806	\$ 620,200	\$ 611,845	\$ 648,310
Other	291,835	324,748	329,435	321,610	311,110
Total	<u>838,864</u>	<u>912,553</u>	<u>949,635</u>	<u>933,455</u>	<u>959,420</u>
Supplies:					
Fuel	3,858	2,575	3,215	3,080	3,085
Chemicals	145,896	162,894	214,280	187,340	218,180
Other	102,877	104,139	103,110	106,840	100,350
Total	<u>252,631</u>	<u>269,608</u>	<u>320,605</u>	<u>297,260</u>	<u>321,615</u>
Services:					
Power	87,835	70,496	117,280	66,715	84,000
Water Purchases	-	-	-	-	-
Other	45,874	56,851	359,115	398,970	112,980
Total	<u>133,709</u>	<u>127,346</u>	<u>476,395</u>	<u>465,685</u>	<u>196,980</u>
Capital Outlay	19,980	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 1,245,184</u>	<u>\$ 1,309,508</u>	<u>\$ 1,746,635</u>	<u>\$ 1,696,400</u>	<u>\$ 1,478,015</u>

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5340 FACILITIES SERVICES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 3,547,935	\$ 4,215,422	\$ 4,547,140	\$ 4,619,895	\$ 4,781,775
SUPPLIES	698,942	811,978	1,085,650	1,119,890	1,020,295
SERVICES	7,636,317	8,938,937	9,357,280	8,456,800	8,639,775
CAPITAL OUTLAY	285,631	1,006,327	658,575	635,710	617,800
SPECIAL PROJECTS	-	-	500,000	500,000	-
TOTAL	\$ 12,168,825	\$ 14,972,664	\$ 16,148,645	\$ 15,332,295	\$ 15,059,645

DESCRIPTION

The Facility Services Function includes three areas of personnel that support the operating systems and other functions of the District. The department consist of the pipeline maintenance crews/paint-carpentry crew, custodial group and line locators. The pipeline maintenance crew is responsible for the repair of water and wastewater lines within the District service area. Another area of responsibility is maintaining the grounds at the Wylie Water Plant Campus. The line locator's job is to respond to calls or emails from contractors within our service area to mark the location of our water transmission line and wastewater interceptor lines. They receive over two thousand calls annually for locates. The custodial group is responsible for daily maintenance and cleaning at the Wylie Water Plant Campus which include the Administration Building, Engineering Building, Operations Building, Facility Services Building, Technical Services Building and the two ozone control buildings.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5340 FACILITIES SERVICES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 2,273,191	\$ 2,814,136	\$ 3,010,500	\$ 3,088,795	\$ 3,237,690
Other	1,274,744	1,401,286	1,536,640	1,531,100	1,544,085
Total	3,547,935	4,215,422	4,547,140	4,619,895	4,781,775
Supplies:					
Fuel	108,541	96,219	110,000	98,490	125,000
Chemicals	29,107	29,121	28,800	25,630	28,800
Other	561,294	686,638	946,850	995,770	866,495
Total	698,942	811,978	1,085,650	1,119,890	1,020,295
Services:					
Power	6,731,516	7,238,429	7,640,990	6,762,170	6,465,800
Water Purchases	-	-	-	-	-
Other	904,801	1,700,508	1,716,290	1,694,630	2,173,975
Total	7,636,317	8,938,937	9,357,280	8,456,800	8,639,775
Capital Outlay	285,631	1,006,327	658,575	635,710	617,800
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	500,000	500,000	-
Total	\$ 12,168,825	\$ 14,972,664	\$ 16,148,645	\$ 15,332,295	\$ 15,059,645

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5350 TECHNICAL SERVICES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 7,219,285	\$ 7,998,039	\$ 8,620,620	\$ 8,561,795	\$ 8,984,565
SUPPLIES	386,048	531,048	512,485	573,085	490,680
SERVICES	93,573	557,795	246,055	380,410	267,930
CAPITAL OUTLAY	133,874	362,319	393,100	439,320	317,300
TOTAL	\$ 7,832,780	\$ 9,449,201	\$ 9,772,260	\$ 9,954,610	\$ 10,060,475

DESCRIPTION

The Technical Services Function serves as the source of technical support for all NTMWD systems. This function includes mechanics, welders, electricians, and instrumentation personnel that maintain pumps, motors, electrical and instrumentation controls, ozone equipment, SCADA systems, and calibration of all flow meters in the water and wastewater systems. Each department utilizes the District's enterprise asset management system to schedule maintenance work requested by the three operating systems and record preventative maintenance work on all NTMWD assets. Individuals from each area of expertise are on-call 24 hours daily, seven days per week, for all NTMWD systems. Charges for services in the wastewater and solid waste systems are reimbursed to the water system based on actual time worked.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5350 TECHNICAL SERVICES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 4,898,588	\$ 5,470,266	\$ 5,871,525	\$ 5,853,860	\$ 6,162,195
Other	2,320,697	2,527,773	2,749,095	2,707,935	2,822,370
Total	<u>7,219,285</u>	<u>7,998,039</u>	<u>8,620,620</u>	<u>8,561,795</u>	<u>8,984,565</u>
Supplies:					
Fuel	171,511	118,308	140,000	124,740	154,100
Chemicals	-	-	-	-	-
Other	214,536	412,740	372,485	448,345	336,580
Total	<u>386,048</u>	<u>531,048</u>	<u>512,485</u>	<u>573,085</u>	<u>490,680</u>
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	93,573	557,795	246,055	380,410	267,930
Total	<u>93,573</u>	<u>557,795</u>	<u>246,055</u>	<u>380,410</u>	<u>267,930</u>
Capital Outlay	133,874	362,319	393,100	439,320	317,300
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 7,832,780</u>	<u>\$ 9,449,201</u>	<u>\$ 9,772,260</u>	<u>\$ 9,954,610</u>	<u>\$ 10,060,475</u>

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5360 LABORATORY SERVICES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 2,100,347	\$ 2,236,525	\$ 2,326,195	\$ 2,301,640	\$ 2,424,555
SUPPLIES	372,905	496,064	565,750	532,250	534,365
SERVICES	212,461	258,969	328,775	269,770	223,675
CAPITAL OUTLAY	215,607	167,407	585,000	585,000	348,000
TOTAL	\$ 2,901,320	\$ 3,158,965	\$ 3,805,720	\$ 3,688,660	\$ 3,530,595

DESCRIPTION

The NTMWD Environmental Laboratory is accredited by the Texas Commission of Environmental Quality for the analysis of potable and non-potable parameters. The Laboratory Function provides analytical services for the Water System, Wastewater System, Solid Waste System, Wastewater Pretreatment Program and for Member and Customer Cities. Testing is performed for process control and regulatory compliance with the Safe Drinking Water and Clean Water Act. Charges for services are reimbursed from other systems.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5360 LABORATORY SERVICES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,437,728	\$ 1,525,259	\$ 1,589,370	\$ 1,562,210	\$ 1,699,565
Other	662,619	711,266	736,825	739,430	724,990
Total	<u>2,100,347</u>	<u>2,236,525</u>	<u>2,326,195</u>	<u>2,301,640</u>	<u>2,424,555</u>
Supplies:					
Fuel	608	328	1,125	825	1,000
Chemicals	-	-	-	-	-
Other	372,297	495,736	564,625	531,425	533,365
Total	<u>372,905</u>	<u>496,064</u>	<u>565,750</u>	<u>532,250</u>	<u>534,365</u>
Services:					
Power	75,268	73,810	95,000	61,950	58,800
Water Purchases	-	-	-	-	-
Other	137,193	185,158	233,775	207,820	164,875
Total	<u>212,461</u>	<u>258,969</u>	<u>328,775</u>	<u>269,770</u>	<u>223,675</u>
Capital Outlay	215,607	167,407	585,000	585,000	348,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 2,901,320</u>	<u>\$ 3,158,965</u>	<u>\$ 3,805,720</u>	<u>\$ 3,688,660</u>	<u>\$ 3,530,595</u>

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5370 ENGINEERING SERVICES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 6,443,879	\$ 7,509,491	\$ 8,407,680	\$ 8,145,305	\$ 9,178,005
SUPPLIES	243,553	568,744	633,490	599,490	544,925
SERVICES	303,144	521,746	395,580	457,500	372,770
CAPITAL OUTLAY	189,575	313,685	201,600	190,000	96,000
TOTAL	\$ 7,180,150	\$ 8,913,666	\$ 9,638,350	\$ 9,392,295	\$ 10,191,700

DESCRIPTION

The Engineering Services Function provides the personnel and equipment to plan and oversee implementation of the capital improvement programs for the Water System, Wastewater System and Solid Waste System along with providing planning and engineering expertise and assistance for these operating systems.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5370 ENGINEERING SERVICES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 4,409,486	\$ 5,114,025	\$ 6,048,580	\$ 5,852,185	\$ 6,700,780
Other	2,034,393	2,395,466	2,359,100	2,293,120	2,477,225
Total	<u>6,443,879</u>	<u>7,509,491</u>	<u>8,407,680</u>	<u>8,145,305</u>	<u>9,178,005</u>
Supplies:					
Fuel	86,951	69,298	80,000	80,000	80,000
Chemicals	-	-	-	-	-
Other	156,602	499,446	553,490	519,490	464,925
Total	<u>243,553</u>	<u>568,744</u>	<u>633,490</u>	<u>599,490</u>	<u>544,925</u>
Services:					
Power	924	1,077	2,400	2,125	10,080
Water Purchases	-	-	-	-	-
Other	302,220	520,670	393,180	455,375	362,690
Total	<u>303,144</u>	<u>521,746</u>	<u>395,580</u>	<u>457,500</u>	<u>372,770</u>
Capital Outlay	189,575	313,685	201,600	190,000	96,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 7,180,150</u>	<u>\$ 8,913,666</u>	<u>\$ 9,638,350</u>	<u>\$ 9,392,295</u>	<u>\$ 10,191,700</u>

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5380 ENVIRONMENTAL SERVICES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 751,991	\$ 923,374	\$ 986,500	\$ 989,110	\$ 1,088,940
SUPPLIES	65,935	101,427	95,120	87,120	101,370
SERVICES	27,516	52,901	145,345	172,890	29,635
CAPITAL OUTLAY	38,806	92,481	108,000	89,500	120,000
TOTAL	\$ 884,248	\$ 1,170,183	\$ 1,334,965	\$ 1,338,620	\$ 1,339,945

DESCRIPTION

The Environmental Services Function performs research, investigations and monitoring for the Water, Wastewater and Solid Waste Systems to improve operations, increase cost efficiency, fulfill regulatory requirements and evaluate environmental impacts of activities. Environmental Services coordinates with managers to determine and accomplish the needs of each System and stays abreast of new technologies, current research and current regulations to determine the possible impacts to System operations. Environmental Services is responsible for the development, maintenance and implementation of Watershed Management/Source Water Protection programs. Charges for services are reimbursed from other systems.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5380 ENVIRONMENTAL SERVICES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 524,113	\$ 652,266	\$ 715,545	\$ 704,940	\$ 751,930
Other	227,878	271,108	270,955	284,170	337,010
Total	751,991	923,374	986,500	989,110	1,088,940
Supplies:					
Fuel	10,841	8,678	5,365	5,365	10,310
Chemicals	-	-	-	-	-
Other	55,094	92,749	89,755	81,755	91,060
Total	65,935	101,427	95,120	87,120	101,370
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	27,516	52,901	145,345	172,890	29,635
Total	27,516	52,901	145,345	172,890	29,635
Capital Outlay	38,806	92,481	108,000	89,500	120,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	\$ 884,248	\$ 1,170,183	\$ 1,334,965	\$ 1,338,620	\$ 1,339,945

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5381 PERMITTING**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 274,794	\$ 442,785	\$ 538,240	\$ 468,660	\$ 528,510
SUPPLIES	123	6,629	20,760	20,760	11,610
SERVICES	4,033	279,632	602,555	270,090	493,640
TOTAL	\$ 278,950	\$ 729,047	\$ 1,161,555	\$ 759,510	\$ 1,033,760

DESCRIPTION

The Permitting Function is responsible for the development and submittal of new and renewed water and wastewater permits to the Texas Commission of Environmental Quality (TCEQ). Permitting manages the NTMWD Stormwater program including submittal of reports, training of staff and review of records and regularly interacts with consultants, legal professionals, TCEQ, EPA, USACE and other state and federal agencies. Charges for services are reimbursed from other systems.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5381 PERMITTING

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 227,216	\$ 363,155	\$ 376,235	\$ 335,390	\$ 357,480
Other	47,578	79,630	162,005	133,270	171,030
Total	274,794	442,785	538,240	468,660	528,510
Supplies:					
Fuel	102	758	3,300	3,300	3,000
Chemicals	-	-	-	-	-
Other	21	5,872	17,460	17,460	8,610
Total	123	6,629	20,760	20,760	11,610
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	4,033	279,632	602,555	270,090	493,640
Total	4,033	279,632	602,555	270,090	493,640
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	\$ 278,950	\$ 729,047	\$ 1,161,555	\$ 759,510	\$ 1,033,760

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5382 REGULATORY COMPLIANCE**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 141,740	\$ 254,694	\$ 390,050	\$ 349,270	\$ 329,665
SUPPLIES	45	21,601	34,115	34,115	14,290
SERVICES	117	163,754	357,715	282,505	57,850
CAPITAL OUTLAY	-	-	377,800	172,800	-
TOTAL	\$ 141,902	\$ 440,048	\$ 1,159,680	\$ 838,690	\$ 401,805

DESCRIPTION

The Regulatory Compliance Function provides for the regulatory management activities for the District. Primary responsibilities include: responding to and reporting of spills, unauthorized discharges and potable water discharges; development of protocols and training related to spills and discharges. The Regulatory Compliance function regularly interacts with consultants, legal professionals, TCEQ, EPA, TPWD and other state and federal agencies. Charges for services are reimbursed from other systems.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5382 REGULATORY COMPLIANCE

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 110,252	\$ 206,871	\$ 279,200	\$ 247,525	\$ 231,655
Other	31,488	47,823	110,850	101,745	98,010
Total	141,740	254,694	390,050	349,270	329,665
Supplies:					
Fuel	26	1,965	4,550	4,550	4,800
Chemicals	-	-	-	-	-
Other	19	19,636	29,565	29,565	9,490
Total	45	21,601	34,115	34,115	14,290
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	117	163,754	357,715	282,505	57,850
Total	117	163,754	357,715	282,505	57,850
Capital Outlay	-	-	377,800	172,800	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	\$ 141,902	\$ 440,048	\$ 1,159,680	\$ 838,690	\$ 401,805

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5390 SAFETY**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ 479,190
SUPPLIES	-	-	-	-	64,970
SERVICES	-	-	-	-	437,465
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 981,625

DESCRIPTION

The Safety Function provides support across NTMWD to assist with operational solutions to mitigate hazards and meet State and Federal Regulatory Requirements. The Safety Function includes an Occupational Health and Safety Management System with the capacity and capability to perform its five business functions: Program Management, Technical Assistance and Hazard Identification, Accident Investigation, Hazard Analysis and Mitigation, and Education and Training. Charges for services are reimbursed from other systems.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5390 SAFETY

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ 342,800
Other	-	-	-	-	136,390
Total	-	-	-	-	479,190
Supplies:					
Fuel	-	-	-	-	4,550
Chemicals	-	-	-	-	-
Other	-	-	-	-	60,420
Total	-	-	-	-	64,970
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	-	-	-	-	437,465
Total	-	-	-	-	437,465
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 981,625</u>

2017-2018 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5999 DEBT SERVICE**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
CAPITAL IMPROVEMENT FUND DEBT SERVICE	\$ 34,200,000 93,856,244	\$ 76,902,555 85,053,349	\$ 63,600,000 111,780,750	\$ 67,255,000 111,769,840	\$ 68,185,000 136,128,740
TOTAL	\$ 128,056,244	\$ 161,955,904	\$ 175,380,750	\$ 179,024,840	\$ 204,313,740

DESCRIPTION

This function provides for the funding of principal and interest on the long-term debt, bond service fees and the capital improvement program for the Water System.

2017-2018 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5999 DEBT SERVICE

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Capital Improvement Fund	\$ 34,200,000	\$ 76,902,555	\$ 63,600,000	\$ 67,255,000	\$ 68,185,000
Debt Service	91,345,170	82,542,275	109,269,675	109,258,765	133,617,665
Notes:					
Chapman - City of Cooper	52,474	52,474	52,475	52,475	52,475
Chapman - Corps	864,280	864,280	864,280	864,280	864,280
Lavon	<u>1,594,320</u>	<u>1,594,320</u>	<u>1,594,320</u>	<u>1,594,320</u>	<u>1,594,320</u>
Total	<u>2,511,074</u>	<u>2,511,074</u>	<u>2,511,075</u>	<u>2,511,075</u>	<u>2,511,075</u>
Total	<u>\$ 128,056,244</u>	<u>\$ 161,955,904</u>	<u>\$ 175,380,750</u>	<u>\$ 179,024,840</u>	<u>\$ 204,313,740</u>

2017 - 2018 ANNUAL BUDGET

SEWER SYSTEM

2017 - 2018 ANNUAL BUDGET

SEWER SYSTEM

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**2017-2018 ANNUAL BUDGET
REGIONAL SEWER SYSTEM
EXPENDITURE COMPARISON
BY FUNCTION AND BY CHARACTER**

BY FUNCTION	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
<u>Water Facilities:</u>					
Little Elm Wtr Transmission Facilities	\$ 366,431	\$ 378,976	\$ 389,950	\$ 389,945	\$ 393,705
Plano Wtr Transmission Facilities	823,906	745,336	247,735	247,730	8,975
Kaufman 4-1 Water Distribution Facilities	54,745	50,414	69,870	52,545	56,245
Rockwall-Heath Water Storage Facilities	226,471	227,935	228,915	229,110	226,375
Terrell Water Transmission Facilities	798,353	712,493	727,435	727,435	728,025
Rockwall Water Pump Station Facilities	172,761	170,495	169,360	169,355	169,030
Total	2,442,667	2,285,649	1,833,265	1,816,120	1,582,355
<u>Sewer Facilities:</u>					
Murphy WWTP / Interceptor	6,457	91,553	59,340	59,340	-
Wylie WWTP	24,898	36,188	41,460	41,440	42,540
South Rockwall WWTP	1,272,655	1,286,007	1,662,190	1,656,595	1,713,810
North Rockwall WWTP	392,095	502,195	471,875	557,930	462,820
Panther Creek WWTP	7,248,312	8,225,112	8,988,795	8,943,535	9,098,500
Sabine Creek WWTP	1,262,911	1,644,951	2,111,470	2,119,425	2,406,800
Stewart Creek WWTP	3,938,404	7,955,325	7,843,900	7,834,900	8,783,410
Muddy Creek WWTP	5,155,623	5,859,194	5,823,665	5,851,625	6,325,565
Seis Lagos WWTP	140,592	164,753	193,245	193,075	195,395
Royse City WWTP	11,673	18,721	18,560	17,330	17,935
Farmersville WWTP	227,835	284,902	334,410	334,150	348,255
Frisco Cottonwood Creek WWTP	118,714	129,217	157,165	157,165	137,110
Lavon WWTP	149,987	165,619	229,260	227,815	279,695
Total	19,950,156	26,363,737	27,935,335	27,994,325	29,811,835
<u>Interceptor Facilities:</u>					
Forney Interceptor	213,723	188,691	337,960	337,630	383,420
Lower East Fork Interceptor	1,629,968	1,571,963	1,712,410	1,712,170	1,857,465
Muddy Creek Interceptor	299,346	280,604	334,990	334,735	356,760
Parker Creek Interceptor	229,861	256,967	261,785	268,080	277,960
Sabine Creek Interceptor	184,109	183,548	191,605	191,600	188,375
Buffalo Creek Interceptor	1,576,224	1,670,532	1,870,995	1,870,995	2,044,100
McKinney Interceptor	5,378	775	7,090	7,090	7,290
Mustang Creek Interceptor	575,841	579,191	609,320	609,315	619,550
Parker Creek Parallel Interceptor	-	77,000	183,190	183,145	190,475
Total	4,714,450	4,809,270	5,509,345	5,514,760	5,925,395
<u>Other:</u>					
Wastewater Pretreatment Program	663,241	775,415	965,700	962,680	949,060
Total	663,241	775,415	965,700	962,680	949,060
Total	\$ 27,770,514	\$ 34,234,071	\$ 36,243,645	\$ 36,287,885	\$ 38,268,645
BY CHARACTER					
PERSONNEL	\$ 3,450,448	\$ 4,250,474	\$ 5,018,820	\$ 4,951,430	\$ 5,751,475
SUPPLIES	2,084,676	3,175,418	3,431,820	3,551,975	3,594,560
SERVICES	5,908,133	6,518,827	8,491,690	8,431,675	8,891,730
CAPITAL OUTLAY	229,221	840,029	648,000	651,990	935,920
ESCROW	71,500	41,500	140,970	138,720	484,760
CAPITAL IMPROVEMENT FUND	-	135,275	-	75,000	-
DEBT SERVICE	16,026,535	19,272,548	18,482,345	18,477,495	18,580,200
SPECIAL PROJECTS	-	-	30,000	9,600	30,000
TOTAL	\$ 27,770,514	\$ 34,234,071	\$ 36,243,645	\$ 36,287,885	\$ 38,268,645

DESCRIPTION

The Sewer System provides funding for all Special Facility Contracts and includes wastewater plants owned by the District, wastewater plants owned by cities and operated by the District, and special projects funded with pledged revenues by cities. A total of ten operational wastewater plants (six District owned and four City owned) are currently budgeted by the District. Other special projects include the Buffalo Creek Interceptor, Forney Interceptor, McKinney Interceptor, Muddy Creek Interceptor, Mustang Creek Interceptor, Parker Creek Interceptor, Sabine Creek Interceptor, Lower East Fork Interceptor, Little Elm Water Transmission Facilities, Terrell Water Transmission Facilities, Plano Water Transmission Facilities, Rockwall-Heath Water Storage Facilities, Rockwall Water Pump Station Facilities, Wastewater Pretreatment Program, Kaufman Four-One Program and Parker Creek Parallel Interceptor.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

BUDGET SUMMARY

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Revenues:					
Sewer Sales:					
Water Facilities	\$ 2,442,498	\$ 2,285,087	\$ 1,832,885	\$ 1,814,695	\$ 1,580,845
Sewer Facilities	19,536,174	25,848,979	27,558,230	27,545,440	29,430,690
Interceptor Facilities	4,711,759	4,805,819	5,508,565	5,511,220	5,921,660
Total	<u>26,690,431</u>	<u>32,939,886</u>	<u>34,899,680</u>	<u>34,871,355</u>	<u>36,933,195</u>
Other Charges:					
Pretreatment	663,011	755,648	965,255	961,400	947,715
Debt Acquisition	344,830	344,830	344,830	344,830	344,830
Other	69,290	176,628	20,155	88,735	20,230
Total	<u>1,077,130</u>	<u>1,277,106</u>	<u>1,330,240</u>	<u>1,394,965</u>	<u>1,312,775</u>
Interest Income	2,953	17,079	13,725	21,565	22,675
Total	<u><u>\$ 27,770,514</u></u>	<u><u>\$ 34,234,071</u></u>	<u><u>\$ 36,243,645</u></u>	<u><u>\$ 36,287,885</u></u>	<u><u>\$ 38,268,645</u></u>
 Expenditures:					
Personnel:					
Salaries & Wages	2,300,946	2,940,371	3,456,595	3,446,260	3,996,490
Other	1,149,503	1,310,104	1,562,225	1,505,170	1,754,985
Total	<u>3,450,448</u>	<u>4,250,474</u>	<u>5,018,820</u>	<u>4,951,430</u>	<u>5,751,475</u>
Supplies:					
Fuel	52,233	53,172	69,925	62,925	68,080
Chemicals	1,350,855	1,612,916	1,981,885	1,985,965	2,114,510
Other	681,588	1,509,329	1,380,010	1,503,085	1,411,970
Total	<u>2,084,676</u>	<u>3,175,418</u>	<u>3,431,820</u>	<u>3,551,975</u>	<u>3,594,560</u>
Services:					
Power	1,751,332	1,640,507	2,017,315	1,598,935	1,848,450
Other	4,156,801	4,878,320	6,474,375	6,832,740	7,043,280
Total	<u>5,908,133</u>	<u>6,518,827</u>	<u>8,491,690</u>	<u>8,431,675</u>	<u>8,891,730</u>
Capital Outlay	229,221	840,029	648,000	651,990	935,920
Escrow:					
Reserve for Maintenance	71,500	41,500	14,010	14,010	4,880
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	126,960	124,710	479,880
Total	<u>71,500</u>	<u>41,500</u>	<u>140,970</u>	<u>138,720</u>	<u>484,760</u>
Capital Improvement Fund	-	135,275	-	75,000	-
Debt Service	16,026,535	19,272,548	18,482,345	18,477,495	18,580,200
Special Projects	-	-	30,000	9,600	30,000
Total	<u><u>\$ 27,770,514</u></u>	<u><u>\$ 34,234,071</u></u>	<u><u>\$ 36,243,645</u></u>	<u><u>\$ 36,287,885</u></u>	<u><u>\$ 38,268,645</u></u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****201 LITTLE ELM WATER TRANSMISSION FACILITIES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ -	\$ -	\$ 1,000	\$ 1,000	\$ 1,000
SERVICES	171	716	2,490	2,485	2,475
DEBT SERVICE	366,260	378,260	386,460	386,460	390,230
TOTAL	\$ 366,431	\$ 378,976	\$ 389,950	\$ 389,945	\$ 393,705

DESCRIPTION

The Little Elm Water Transmission Pipeline was constructed under a facilities contract with the City of Little Elm. The project consists of 18,900 linear feet of 30-inch pipeline aligned generally parallel to Eldorado Parkway. The pipeline begins at the City of Frisco No. 3 delivery point and travels in a westerly direction to the Frisco-Little Elm border. The Little Elm Pipeline terminates at the City of Little Elm's Bob Mansell Pump Station.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

201 LITTLE ELM WATER TRANSMISSION FACILITIES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Water Facilities	\$ 366,419	\$ 378,913	\$ 389,890	\$ 389,810	\$ 393,560
Total	366,419	378,913	389,890	389,810	393,560
Interest Income	12	62	60	135	145
Total	\$ 366,431	\$ 378,976	\$ 389,950	\$ 389,945	\$ 393,705

Expenditures:

Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	1,000	1,000	1,000
Total	-	-	1,000	1,000	1,000
Contractual Services:					
Power	-	-	-	-	-
Other	171	716	2,490	2,485	2,475
Total	171	716	2,490	2,485	2,475
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	366,260	378,260	386,460	386,460	390,230
Special Projects	-	-	-	-	-
Total	\$ 366,431	\$ 378,976	\$ 389,950	\$ 389,945	\$ 393,705
Revenues Over/(Under) Expenditures	-	-	-	-	-

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****202 PLANO WATER TRANSMISSION FACILITIES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ -	\$ -	\$ 1,000	\$ 1,000	\$ 1,000
SERVICES	226	1	3,495	3,490	3,465
DEBT SERVICE	823,680	745,335	243,240	243,240	4,510
TOTAL	\$ 823,906	\$ 745,336	\$ 247,735	\$ 247,730	\$ 8,975

DESCRIPTION

The Plano-Ridgeview Water Transmission Pipeline was constructed under a contract with the City of Plano. The first phase of the project consists of 22,750 linear feet of pipeline ranging in size from 72-inches to 54-inches. The pipeline begins at the City of Plano Ridgeview Pump Station and terminates at Legacy Drive. The second phase of the project consists of 33,840 linear feet of pipeline ranging in size from 24-inches to 42-inches. This pipeline runs from Legacy Drive to a point south of Park Boulevard, with an east-west segment from Preston Meadow Drive to Spring Creek Parkway west of Preston Road.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

202 PLANO WATER TRANSMISSION FACILITIES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Water Facilities	\$ 823,886	\$ 745,234	\$ 247,660	\$ 247,630	\$ 8,870
Total	<u>823,886</u>	<u>745,234</u>	<u>247,660</u>	<u>247,630</u>	<u>8,870</u>
Interest Income	20	102	75	100	105
Total	<u>\$ 823,906</u>	<u>\$ 745,336</u>	<u>\$ 247,735</u>	<u>\$ 247,730</u>	<u>\$ 8,975</u>

Expenditures:

Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	1,000	1,000	1,000
Total	<u>-</u>	<u>-</u>	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>
Services:					
Power	-	-	-	-	-
Other	226	1	3,495	3,490	3,465
Total	<u>226</u>	<u>1</u>	<u>3,495</u>	<u>3,490</u>	<u>3,465</u>
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-	-
Debt Service	823,680	745,335	243,240	243,240	4,510
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 823,906</u>	<u>\$ 745,336</u>	<u>\$ 247,735</u>	<u>\$ 247,730</u>	<u>\$ 8,975</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****204 KAUFMAN FOUR-ONE WATER DISTRIBUTION FACILITIES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ 5,310	\$ 8,257	\$ 4,600	\$ 4,600	\$ 8,100
SERVICES	<u>49,435</u>	<u>42,157</u>	<u>65,270</u>	<u>47,945</u>	<u>48,145</u>
TOTAL	<u>\$ 54,745</u>	<u>\$ 50,414</u>	<u>\$ 69,870</u>	<u>\$ 52,545</u>	<u>\$ 56,245</u>

DESCRIPTION

The Kaufman Four-One Water Distribution Facilities serves Crandall, Gastonia-Scurry, College Mound and Rose Hill from a delivery point just west of Forney on the Mesquite-Forney Pipeline. The facilities are owned by the four entities and operated and maintained through a contract with the NTMWD.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

204 KAUFMAN FOUR-ONE WATER DISTRIBUTION FACILITIES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
422001-4003 - College Mound	\$ 7,718	\$ 7,076	\$ 9,808	\$ 6,882	\$ 7,366
422001-4004 - Crandall	20,981	19,236	26,663	18,708	20,024
422001-4010 - Gastonia Scurry	21,074	19,640	27,228	22,588	24,178
422001-4022 - Rose Hill	4,851	4,445	6,161	4,323	4,627
Total	\$ 54,624	\$ 50,397	<b">\$ 69,860</b">	<b">\$ 52,500</b">	\$ 56,195
Annual Flow (1,000):					
College Mound	74,721	74,240	74,240	74,240	69,313
Crandall	203,130	201,823	201,823	201,823	188,429
Gastonia Scurry	204,014	206,104	206,104	243,691	227,520
Rose Hill	46,936	46,634	46,634	46,634	43,539
Total	528,801	528,801	528,801	566,388	528,801

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

204 KAUFMAN FOUR-ONE WATER DISTRIBUTION FACILITIES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Water Facilities	\$ 54,624	\$ 50,397	\$ 69,860	\$ 52,500	\$ 56,195
Total	<u>54,624</u>	<u>50,397</u>	<u>69,860</u>	<u>52,500</u>	<u>56,195</u>
Other Charges:					
Other	118	5	-	-	-
Total	<u>118</u>	<u>5</u>	<u>-</u>	<u>-</u>	<u>-</u>
Interest Income	3	12	10	45	50
Total	<u>\$ 54,745</u>	<u>\$ 50,414</u>	<u>\$ 69,870</u>	<u>\$ 52,545</u>	<u>\$ 56,245</u>

Expenditures:

Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	5,310	8,257	4,600	4,600	8,100
Total	<u>5,310</u>	<u>8,257</u>	<u>4,600</u>	<u>4,600</u>	<u>8,100</u>
Services:					
Power	34,287	28,501	52,375	35,000	35,000
Other	15,148	13,656	12,895	12,945	13,145
Total	<u>49,435</u>	<u>42,157</u>	<u>65,270</u>	<u>47,945</u>	<u>48,145</u>
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 54,745</u>	<u>\$ 50,414</u>	<u>\$ 69,870</u>	<u>\$ 52,545</u>	<u>\$ 56,245</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****206 ROCKWALL-HEATH WATER STORAGE FACILITIES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SERVICES DEBT SERVICE	\$ 1 226,470	\$ 345 227,590	\$ 505 228,410	\$ 500 228,610	\$ 465 225,910
TOTAL	\$ 226,471	\$ 227,935	\$ 228,915	\$ 229,110	\$ 226,375

DESCRIPTION

The Rockwall-Heath Water Storage Facilities was constructed by the NTMWD under a facilities contract with the Cities of Rockwall and Heath. The facilities consist of a 3 MG ground storage tank. The NTMWD has issued contract revenue bonds to finance the project. This function provides for the payment of principal and interest on the long-term debt and bond service fees.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

206 ROCKWALL-HEATH WATER STORAGE FACILITIES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
422001-4011 - Heath	\$ 75,481	\$ 75,957	\$ 76,284	\$ 76,336	\$ 75,422
422001-4021 - Rockwall	150,985	151,938	152,591	152,694	150,868
Total	\$ 226,467	\$ 227,895	<b">\$ 228,875</b">	<b">\$ 229,030</b">	\$ 226,290
Contract Allocation Percentage:					
Heath	33.33%	33.33%	33.33%	33.33%	33.33%
Rockwall	66.67%	66.67%	66.67%	66.67%	66.67%
Total	100.00%	100.00%	100.00%	100.00%	100.00%

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

206 ROCKWALL-HEATH WATER STORAGE FACILITIES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Water Facilities	\$ 226,467	\$ 227,895	\$ 228,875	\$ 229,030	\$ 226,290
Total	226,467	227,895	228,875	229,030	226,290
Interest Income	4	40	40	80	85
Total	\$ 226,471	\$ 227,935	\$ 228,915	\$ 229,110	\$ 226,375

Expenditures:

Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Services:					
Power	-	-	-	-	-
Other	1	345	505	500	465
Total	1	345	505	500	465
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	226,470	227,590	228,410	228,610	225,910
Special Projects	-	-	-	-	-
Total	\$ 226,471	\$ 227,935	\$ 228,915	\$ 229,110	\$ 226,375
Revenues Over/(Under) Expenditures	-	-	-	-	-

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****207 TERRELL WATER TRANSMISSION FACILITIES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SERVICES	\$ 3	\$ 348	\$ 7,925	\$ 7,925	\$ 6,515
DEBT SERVICE	<u>798,350</u>	<u>712,145</u>	<u>719,510</u>	<u>719,510</u>	<u>721,510</u>
TOTAL	\$ 798,353	\$ 712,493	\$ 727,435	\$ 727,435	\$ 728,025

DESCRIPTION

The Terrell Water Transmission Facilities were constructed by the NTMWD under a facilities contract with the City of Terrell. The facilities consist of a 3 MG ground storage tank, a 12 MGD pump station, a 12 to 30-inch pipeline approximately nine miles in length and a 16-inch pipeline approximately one-half mile in length. The NTMWD issued contract revenue bonds to finance the project. This function provides for the payment of principal and interest on the long-term debt and bond service fees.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

207 TERRELL WATER TRANSMISSION FACILITIES

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Water Facilities	\$ 798,344	\$ 712,180	\$ 727,270	\$ 726,430
Total	<u>798,344</u>	<u>712,180</u>	<u>727,270</u>	<u>726,430</u>
Interest Income	9	313	165	1,005
Total	<u>\$ 798,353</u>	<u>\$ 712,493</u>	<u>\$ 727,435</u>	<u>\$ 728,025</u>

Expenditures:

Personnel:				
Salaries & Wages	-	-	-	-
Other	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Services:				
Power	-	-	-	-
Other	3	348	7,925	7,925
Total	<u>3</u>	<u>348</u>	<u>7,925</u>	<u>7,925</u>
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	-	-	-	-
Equipment Replacement	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-
Debt Service	798,350	712,145	719,510	719,510
Special Projects	-	-	-	-
Total	<u>\$ 798,353</u>	<u>\$ 712,493</u>	<u>\$ 727,435</u>	<u>\$ 728,025</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****208 ROCKWALL WATER PUMP STATION FACILITIES**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SERVICES	\$ 1	\$ 325	\$ 475	\$ 470	\$ 480
DEBT SERVICE	<u>172,760</u>	<u>170,170</u>	<u>168,885</u>	<u>168,885</u>	<u>168,550</u>
TOTAL	\$ 172,761	\$ 170,495	\$ 169,360	\$ 169,355	\$ 169,030

DESCRIPTION

The Rockwall Water Pump Station was constructed by the NTMWD under a facilities contract with the City of Rockwall. The facilities consist of a 8.6 MGD potable water pump station which includes three 2.88 MGD vertical Turbine pumps, a backup generator, associated electrical and instrumentaion components and yard piping. The NTMWD issued contract revenue bonds to finance the project. This function provides for the payment of principal and interest on the long-term debt and bond service fees.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

208 ROCKWALL WATER PUMP STATION FACILITIES

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Water Facilities	\$ 172,758	\$ 170,467	\$ 169,330	\$ 169,295
Total	<u>172,758</u>	<u>170,467</u>	<u>169,330</u>	<u>169,295</u>
Interest Income	3	28	30	60
Total	<u>\$ 172,761</u>	<u>\$ 170,495</u>	<u>\$ 169,360</u>	<u>\$ 169,355</u>
				<u>\$ 169,030</u>

Expenditures:

Personnel:				
Salaries & Wages	-	-	-	-
Other	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Services:				
Power	-	-	-	-
Other	1	325	475	470
Total	<u>1</u>	<u>325</u>	<u>475</u>	<u>470</u>
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	-	-	-	-
Equipment Replacement	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-
Debt Service	172,760	170,170	168,885	168,885
Special Projects	-	-	-	-
Total	<u>\$ 172,761</u>	<u>\$ 170,495</u>	<u>\$ 169,360</u>	<u>\$ 169,355</u>
				<u>\$ 169,030</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

302 MURPHY WASTEWATER TREATMENT PLANT / INTERCEPTOR

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ 31	\$ 11,959	\$ 4,650	\$ 2,750	\$ -
SERVICES	1,426	74,595	2,865	4,765	-
ESCROW	5,000	5,000	51,825	51,825	-
TOTAL	\$ 6,457	\$ 91,553	\$ 59,340	\$ 59,340	\$ -

DESCRIPTION

The Murphy WWTP was decommissioned in October 2006. NTMWD is scheduled to transfer operations of the Murphy Wastewater Treatment Plant / Interceptor to the City of Murphy in October 2017.

2017-2018 ANNUAL BUDGET
SEWER SYSTEM
DETAIL LISTING

302 MURPHY WASTEWATER TREATMENT PLANT / INTERCEPTOR

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Sewer Facilities	\$ 6,454	\$ 11,515	\$ 59,330	\$ 59,315	\$ -
Total	6,454	11,515	59,330	59,315	-
Other Charges:					
Other	1	80,036	-	-	-
Total	1	80,036	-	-	-
Interest Income	2	2	10	25	-
Total	\$ 6,457	\$ 91,553	\$ 59,340	\$ 59,340	\$ -

Expenditures:

Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	31	11,959	4,650	2,750	-
Total	31	11,959	4,650	2,750	-
Services:					
Power	269	326	300	300	-
Other	1,157	74,269	2,565	4,465	-
Total	1,426	74,595	2,865	4,765	-
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	5,000	5,000	3,760	3,760	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	48,065	48,065	-
Total	5,000	5,000	51,825	51,825	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	\$ 6,457	\$ 91,553	\$ 59,340	\$ 59,340	\$ -
Revenues Over / (Under) Expenditures	-	-	-	-	-

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****304 WYLIE WASTEWATER TREATMENT PLANT**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 5,662	\$ 5,199	\$ 6,785	\$ 7,525	\$ 7,715
SUPPLIES	57	925	2,605	2,340	2,515
SERVICES	19,179	28,839	31,530	31,020	31,800
CAPITAL OUTLAY	-	1,225	540	555	510
TOTAL	\$ 24,898	\$ 36,188	\$ 41,460	\$ 41,440	\$ 42,540

DESCRIPTION

The Wylie WWTP is a 2 MGD extended air treatment facility located at 806 Alanis in Wylie and can treat wastewater flow from Wylie. The plant operated under a 10 mg/L CBOD, 15 mg/L TSS and 2 mg/L NH3-N permit requirement. The plant discharged into a small tributary of Muddy Creek, which flows into Lake Ray Hubbard. The plant has been decommissioned and all flow has been diverted to the Muddy Creek WWTP. The discharge permit is being retained so the plant can be placed back into service if additional capacity is needed in the future.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

304 WYLIE WASTEWATER TREATMENT PLANT

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 24,892	\$ 35,939	\$ 41,440	\$ 41,410
Total	<u>24,892</u>	<u>35,939</u>	<u>41,440</u>	<u>41,410</u>
Other Charges:				
Other	3	226	-	-
Total	<u>3</u>	<u>226</u>	<u>-</u>	<u>-</u>
Interest Income	3	22	20	30
Total	<u>\$ 24,898</u>	<u>\$ 36,188</u>	<u>\$ 41,460</u>	<u>\$ 41,440</u>
				<u>\$ 42,540</u>

Expenditures:

Personnel:				
Salaries & Wages	3,609	3,465	4,555	5,290
Other	<u>2,053</u>	<u>1,733</u>	<u>2,230</u>	<u>2,235</u>
Total	<u>5,662</u>	<u>5,199</u>	<u>6,785</u>	<u>7,525</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	57	925	2,605	2,340
Total	<u>57</u>	<u>925</u>	<u>2,605</u>	<u>2,340</u>
Services:				
Power	582	580	750	535
Other	<u>18,597</u>	<u>28,259</u>	<u>30,780</u>	<u>30,485</u>
Total	<u>19,179</u>	<u>28,839</u>	<u>31,530</u>	<u>31,020</u>
Capital Outlay	-	1,225	540	555
Escrow:				
Reserve for Maintenance	-	-	-	-
Equipment Replacement	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 24,898</u>	<u>\$ 36,188</u>	<u>\$ 41,460</u>	<u>\$ 41,440</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

305 SOUTH ROCKWALL (BUFFALO CREEK) WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 189,293	\$ 172,373	\$ 213,645	\$ 228,385	\$ 202,300
SUPPLIES	62,878	163,579	146,295	176,300	143,870
SERVICES	628,998	564,557	1,009,330	938,355	993,630
CAPITAL OUTLAY	5,161	123,882	38,875	59,510	25,000
ESCROW	35,000	5,000	-	-	100,000
DEBT SERVICE	351,325	256,615	254,045	254,045	249,010
TOTAL	\$ 1,272,655	\$ 1,286,007	\$ 1,662,190	\$ 1,656,595	\$ 1,713,810

DESCRIPTION

The South Rockwall (Buffalo Creek) WWTP consists of the Buffalo Creek WWTP, the Lakeside Lift Station, and accompanying interceptor line. The extended air treatment plant is located at 4920 Horizon Road in Rockwall and treats wastewater for the southern portion of Rockwall. The plant discharges into Buffalo Creek, which flows into the East Fork of the Trinity River below Lake Ray Hubbard. A portion of the plant effluent is utilized by the Buffalo Creek Golf Course for irrigation. The plant has a design capacity of 2.25 MGD and operates under the following permit limits:

(All year) - 10 mg/L CBOD, 15 mg/L TSS, and 2 mg/L NH3-N

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

305 SOUTH ROCKWALL (BUFFALO CREEK) WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Sewer Facilities	\$ 1,249,386	\$ 1,263,913	\$ 1,641,230	\$ 1,634,560	\$ 1,691,680
Total	<u>1,249,386</u>	<u>1,263,913</u>	<u>1,641,230</u>	<u>1,634,560</u>	<u>1,691,680</u>
Other Charges:					
Effluent	19,827	20,029	20,155	20,230	20,230
Other	3,302	924	-	-	-
Total	<u>23,129</u>	<u>20,952</u>	<u>20,155</u>	<u>20,230</u>	<u>20,230</u>
Interest Income	141	1,142	805	1,805	1,900
Total	<u><u>\$ 1,272,655</u></u>	<u><u>\$ 1,286,007</u></u>	<u><u>\$ 1,662,190</u></u>	<u><u>\$ 1,656,595</u></u>	<u><u>\$ 1,713,810</u></u>

Expenditures:

Personnel:					
Salaries & Wages	120,885	116,664	142,295	156,815	136,340
Other	68,408	55,709	71,350	71,570	65,960
Total	<u>189,293</u>	<u>172,373</u>	<u>213,645</u>	<u>228,385</u>	<u>202,300</u>
Supplies:					
Fuel	-	8	-	-	-
Chemicals	30,047	30,883	38,250	44,250	42,630
Other	32,831	132,688	108,045	132,050	101,240
Total	<u>62,878</u>	<u>163,579</u>	<u>146,295</u>	<u>176,300</u>	<u>143,870</u>
Services:					
Power	204,700	175,795	210,000	153,000	160,000
Other	424,298	388,762	799,330	785,355	833,630
Total	<u>628,998</u>	<u>564,557</u>	<u>1,009,330</u>	<u>938,355</u>	<u>993,630</u>
Capital Outlay	5,161	123,882	38,875	59,510	25,000
Escrow:					
Reserve for Maintenance	35,000	5,000	-	-	-
Prev Maint Escrow	-	-	-	-	100,000
Total	<u>35,000</u>	<u>5,000</u>	<u>-</u>	<u>-</u>	<u>100,000</u>
Capital Improvement Fund	-	-	-	-	-
Debt Service	351,325	256,615	254,045	254,045	249,010
Special Projects	-	-	-	-	-
Total	<u><u>\$ 1,272,655</u></u>	<u><u>\$ 1,286,007</u></u>	<u><u>\$ 1,662,190</u></u>	<u><u>\$ 1,656,595</u></u>	<u><u>\$ 1,713,810</u></u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

306 NORTH ROCKWALL (SQUABBLE CREEK) WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 98,668	\$ 87,580	\$ 111,135	\$ 118,400	\$ 115,235
SUPPLIES	114,929	195,656	144,840	135,585	110,985
SERVICES	168,337	187,305	207,125	286,240	214,100
CAPITAL OUTLAY	5,161	26,654	8,775	17,705	22,500
ESCROW	5,000	5,000	-	-	-
TOTAL	\$ 392,095	\$ 502,195	\$ 471,875	\$ 557,930	\$ 462,820

DESCRIPTION

The North Rockwall (Squabble Creek) WWTP treats wastewater for the northern portion of Rockwall. The extended air treatment plant is located at 2215 N. Lakeshore Drive in Rockwall and discharges into Squabble Creek, a tributary of Lake Ray Hubbard. The plant is equipped with a lift station and pipeline system that allows flow to be diverted away from the Squabble Creek WWTP to NTMWD's Buffalo Creek Interceptor System for transfer to the Mesquite Regional WWTP. The plant has a capacity of 1.2 MGD and operates under the following permit limits:

(All year) - 5 mg/L CBOD, 12 mg/L TSS and 2 mg/L NH3-N

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

306 NORTH ROCKWALL (SQUABBLE CREEK) WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Sewer Facilities	\$ 391,014	\$ 500,242	\$ 471,490	\$ 488,495	\$ 461,840
Total	<u>391,014</u>	<u>500,242</u>	<u>471,490</u>	<u>488,495</u>	<u>461,840</u>
Other Charges:					
Transfer from Rsv for Maintenance	-	-	-	68,505	-
Other	1,001	1,434	-	-	-
Total	<u>1,001</u>	<u>1,434</u>	<u>-</u>	<u>68,505</u>	<u>-</u>
Interest Income	80	519	385	930	980
Total	<u>\$ 392,095</u>	<u>\$ 502,195</u>	<u>\$ 471,875</u>	<u>\$ 557,930</u>	<u>\$ 462,820</u>

Expenditures:

Personnel:					
Salaries & Wages	62,990	59,363	74,000	81,155	78,550
Other	<u>35,678</u>	<u>28,217</u>	<u>37,135</u>	<u>37,245</u>	<u>36,685</u>
Total	<u>98,668</u>	<u>87,580</u>	<u>111,135</u>	<u>118,400</u>	<u>115,235</u>
Supplies:					
Fuel	-	-	-	-	-
Chemicals	85,399	82,851	104,775	79,275	74,015
Other	<u>29,530</u>	<u>112,805</u>	<u>40,065</u>	<u>56,310</u>	<u>36,970</u>
Total	<u>114,929</u>	<u>195,656</u>	<u>144,840</u>	<u>135,585</u>	<u>110,985</u>
Services:					
Power	46,505	43,590	45,000	45,200	52,700
Other	<u>121,832</u>	<u>143,716</u>	<u>162,125</u>	<u>241,040</u>	<u>161,400</u>
Total	<u>168,337</u>	<u>187,305</u>	<u>207,125</u>	<u>286,240</u>	<u>214,100</u>
Capital Outlay	5,161	26,654	8,775	17,705	22,500
Escrow:					
Reserve for Maintenance	5,000	5,000	-	-	-
Equipment Replacement	-	-	-	-	-
Total	<u>5,000</u>	<u>5,000</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 392,095</u>	<u>\$ 502,195</u>	<u>\$ 471,875</u>	<u>\$ 557,930</u>	<u>\$ 462,820</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

307 PANTHER CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 906,126	\$ 1,241,309	\$ 1,397,100	\$ 1,351,840	\$ 1,475,675
SUPPLIES	666,622	1,003,453	1,157,230	1,161,395	1,088,480
SERVICES	1,364,699	1,609,441	2,103,465	2,109,515	2,110,150
CAPITAL OUTLAY	39,960	151,809	225,500	217,500	326,675
ESCROW	10,000	10,000	6,000	6,000	25,000
CAPITAL IMPROVEMENT FUND	-	135,275	-	-	-
SPECIAL PROJECTS	-	-	10,000	9,600	10,000
DEBT SERVICE	4,260,905	4,073,825	4,089,500	4,087,685	4,062,520
TOTAL	\$ 7,248,312	\$ 8,225,112	\$ 8,988,795	\$ 8,943,535	\$ 9,098,500

DESCRIPTION

The Panther Creek WWTP treats wastewater for the northern portion of Frisco. The biological nutrient removal (BNR) plant is located at 1825 Panther Creek Road in Frisco and has a treatment capacity of 10 MGD. The plant discharges into Panther Creek, a tributary of Lake Lewisville, and operates under the following permit limits:

(April - October) - 5 mg/L CBOD, 12 mg/L TSS, 2 mg/L NH3-N and 1 mg/L PO4
 (November - March), 7 mg/L CBOD, 12 mg/L TSS, 4 mg/L NH3-N and 1.0 mg/L PO4

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

307 PANTHER CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Sewer Facilities	\$ 7,233,718	\$ 8,196,982	\$ 8,986,755	\$ 8,940,390	\$ 9,095,195
Total	<u>7,233,718</u>	<u>8,196,982</u>	<u>8,986,755</u>	<u>8,940,390</u>	<u>9,095,195</u>
Other Charges:					
Other	14,263	25,408	-	-	-
Total	<u>14,263</u>	<u>25,408</u>	<u>-</u>	<u>-</u>	<u>-</u>
Interest Income	331	2,722	2,040	3,145	3,305
Total	<u>\$ 7,248,312</u>	<u>\$ 8,225,112</u>	<u>\$ 8,988,795</u>	<u>\$ 8,943,535</u>	<u>\$ 9,098,500</u>

Expenditures:

Personnel:					
Salaries & Wages	595,940	864,738	961,495	944,910	1,008,390
Other	<u>310,185</u>	<u>376,571</u>	<u>435,605</u>	<u>406,930</u>	<u>467,285</u>
Total	<u>906,126</u>	<u>1,241,309</u>	<u>1,397,100</u>	<u>1,351,840</u>	<u>1,475,675</u>
Supplies:					
Fuel	11,137	14,109	13,130	13,130	11,835
Chemicals	494,097	595,596	739,975	759,975	789,925
Other	<u>161,389</u>	<u>393,748</u>	<u>404,125</u>	<u>388,290</u>	<u>286,720</u>
Total	<u>666,622</u>	<u>1,003,453</u>	<u>1,157,230</u>	<u>1,161,395</u>	<u>1,088,480</u>
Services:					
Power	462,284	423,659	600,000	445,300	467,000
Other	<u>902,415</u>	<u>1,185,782</u>	<u>1,503,465</u>	<u>1,664,215</u>	<u>1,643,150</u>
Total	<u>1,364,699</u>	<u>1,609,441</u>	<u>2,103,465</u>	<u>2,109,515</u>	<u>2,110,150</u>
Capital Outlay	39,960	151,809	225,500	217,500	326,675
Escrow:					
Reserve for Maintenance	10,000	10,000	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	6,000	6,000	25,000
Total	<u>10,000</u>	<u>10,000</u>	<u>6,000</u>	<u>6,000</u>	<u>25,000</u>
Capital Improvement Fund	-	135,275	-	-	-
Debt Service	4,260,905	4,073,825	4,089,500	4,087,685	4,062,520
Special Projects	-	-	10,000	9,600	10,000
Total	<u>\$ 7,248,312</u>	<u>\$ 8,225,112</u>	<u>\$ 8,988,795</u>	<u>\$ 8,943,535</u>	<u>\$ 9,098,500</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

308 SABINE CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 123,414	\$ 118,382	\$ 144,555	\$ 154,190	\$ 195,945
SUPPLIES	76,962	151,232	100,485	124,335	152,300
SERVICES	377,977	480,034	494,090	537,040	582,605
CAPITAL OUTLAY	105,298	61,535	100,975	32,495	37,500
ESCROW	-	-	4,000	4,000	10,000
DEBT SERVICE	579,260	833,768	1,267,365	1,267,365	1,428,450
TOTAL	\$ 1,262,911	\$ 1,644,951	\$ 2,111,470	\$ 2,119,425	\$ 2,406,800

DESCRIPTION

The Sabine Creek WWTP treats wastewater for the Cities of Royse City and Fate. The extended air treatment plant is located at 1513 Crenshaw Road in Royse City and has a current treatment capacity of 1.5 MGD. The plant is currently being expanded to 3.0 MGD through a CIP project. The plant discharges into Sabine Creek, a tributary of Lake Tawakoni, and operates under the following permit limits:

(All year) - 10 mg/L CBOD, 15 mg/L TSS, and 2 mg/L NH3-N

2017-2018 ANNUAL BUDGET
SEWER SYSTEM
DETAIL LISTING

308 SABINE CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
420000-4006 - Fate	\$ 481,396	\$ 603,832	\$ 859,112	\$ 899,781	\$ 1,032,014
420000-4024 - Royse City	778,285	1,036,743	1,251,728	1,219,084	1,374,196
Total	1,259,681	1,640,575	2,110,840	2,118,865	2,406,210
Annual Flow (1,000):					
Fate	193,122	202,873	193,122	207,680	218,064
Royse City	312,225	348,321	281,379	281,379	290,367
Total	505,347	551,194	474,501	489,059	508,431

2017-2018 ANNUAL BUDGET
SEWER SYSTEM
DETAIL LISTING

308 SABINE CREEK WASTEWATER TREATMENT PLANT

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 1,259,681	\$ 1,640,575	\$ 2,110,840	\$ 2,118,865
Total	<u>1,259,681</u>	<u>1,640,575</u>	<u>2,110,840</u>	<u>2,118,865</u>
Other Charges:				
Lease	100	-	-	-
Other	2,998	3,543	-	-
Total	<u>3,098</u>	<u>3,543</u>	<u>-</u>	<u>-</u>
Interest Income	132	834	630	560
Total	<u>\$ 1,262,911</u>	<u>\$ 1,644,951</u>	<u>\$ 2,111,470</u>	<u>\$ 2,119,425</u>

Expenditures:

Personnel:				
Salaries & Wages	78,796	81,265	96,760	106,240
Other	44,618	37,117	47,795	47,950
Total	<u>123,414</u>	<u>118,382</u>	<u>144,555</u>	<u>154,190</u>
Supplies:				
Fuel	-	13	-	-
Chemicals	17,440	18,748	14,460	9,870
Other	59,523	132,471	86,025	114,465
Total	<u>76,962</u>	<u>151,232</u>	<u>100,485</u>	<u>124,335</u>
Services:				
Power	138,463	156,820	165,000	157,400
Other	239,514	323,215	329,090	379,640
Total	<u>377,977</u>	<u>480,034</u>	<u>494,090</u>	<u>537,040</u>
Capital Outlay	105,298	61,535	100,975	32,495
Escrow:				
Reserve for Maintenance	-	-	-	-
Equipment Replacement	-	-	-	-
Preventive Maintenance	-	-	4,000	4,000
Total	<u>-</u>	<u>-</u>	<u>4,000</u>	<u>4,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	579,260	833,768	1,267,365	1,267,365
Special Projects	-	-	-	-
Total	<u>\$ 1,262,911</u>	<u>\$ 1,644,951</u>	<u>\$ 2,111,470</u>	<u>\$ 2,119,425</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

309 STEWART CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 424,309	\$ 607,635	\$ 764,650	\$ 768,215	\$ 1,284,890
SUPPLIES	430,760	538,467	695,630	705,630	819,745
SERVICES	907,882	1,049,013	1,313,750	1,282,655	1,562,890
CAPITAL OUTLAY	41,554	131,720	76,300	82,895	58,000
ESCROW	-	-	2,000	2,000	20,000
DEBT SERVICE	<u>2,133,900</u>	<u>5,628,490</u>	<u>4,991,570</u>	<u>4,993,505</u>	<u>5,037,885</u>
TOTAL	<u>\$ 3,938,404</u>	<u>\$ 7,955,325</u>	<u>\$ 7,843,900</u>	<u>\$ 7,834,900</u>	<u>\$ 8,783,410</u>

DESCRIPTION

The Stewart Creek West WWTP treats wastewater for the southern portion of Frisco. The current capacity is 5 MGD through conventional activated sludge treatment. An expansion project has commenced to increase the permitted treatment capacity to 10 MGD and add biological nutrient removal (BNR) treatment process. The project is scheduled to be completed by early 2018. The plant discharges into Stewart Creek, a tributary of Lake Lewisville, and operates under the following permit limits:

(All year) - 7 mg/L CBOD, 15 mg/L TSS, PO4 1.5mg/L and 2 mg/L NH3-N

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

309 STEWART CREEK WASTEWATER TREATMENT PLANT

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Sewer Facilities	\$ 3,912,955	\$ 7,936,909	\$ 7,837,835	\$ 7,830,700	\$ 8,779,000
Total	<u>3,912,955</u>	<u>7,936,909</u>	<u>7,837,835</u>	<u>7,830,700</u>	<u>8,779,000</u>
Other Charges:					
Other	23,958	11,583	-	-	-
Total	<u>23,958</u>	<u>11,583</u>	<u>-</u>	<u>-</u>	<u>-</u>
Interest Income	1,491	6,832	6,065	4,200	4,410
Total	<u>\$ 3,938,404</u>	<u>\$ 7,955,325</u>	<u>\$ 7,843,900</u>	<u>\$ 7,834,900</u>	<u>\$ 8,783,410</u>

Expenditures:

Personnel:					
Salaries & Wages	254,880	410,991	502,685	515,535	892,060
Other	<u>169,428</u>	<u>196,644</u>	<u>261,965</u>	<u>252,680</u>	<u>392,830</u>
Total	<u>424,309</u>	<u>607,635</u>	<u>764,650</u>	<u>768,215</u>	<u>1,284,890</u>
Supplies:					
Fuel	6,628	4,814	7,620	7,620	8,405
Chemicals	321,931	399,753	486,140	476,040	557,285
Other	<u>102,201</u>	<u>133,900</u>	<u>201,870</u>	<u>221,970</u>	<u>254,055</u>
Total	<u>430,760</u>	<u>538,467</u>	<u>695,630</u>	<u>705,630</u>	<u>819,745</u>
Services:					
Power	314,804	281,430	350,000	292,000	404,000
Other	<u>593,078</u>	<u>767,583</u>	<u>963,750</u>	<u>990,655</u>	<u>1,158,890</u>
Total	<u>907,882</u>	<u>1,049,013</u>	<u>1,313,750</u>	<u>1,282,655</u>	<u>1,562,890</u>
Capital Outlay	41,554	131,720	76,300	82,895	58,000
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	2,000	2,000	20,000
Total	<u>-</u>	<u>-</u>	<u>2,000</u>	<u>2,000</u>	<u>20,000</u>
Capital Improvement Fund	-	-	-	-	-
Debt Service	2,133,900	5,628,490	4,991,570	4,993,505	5,037,885
Special Projects	-	-	-	-	-
Total	<u>\$ 3,938,404</u>	<u>\$ 7,955,325</u>	<u>\$ 7,843,900</u>	<u>\$ 7,834,900</u>	<u>\$ 8,783,410</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

310 MUDDY CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 951,844	\$ 1,253,963	\$ 1,454,050	\$ 1,407,010	\$ 1,521,525
SUPPLIES	391,386	687,176	588,535	674,780	681,830
SERVICES	1,579,925	1,424,508	1,624,060	1,481,990	1,568,115
CAPITAL OUTLAY	11,368	270,592	111,200	187,210	388,745
ESCROW	-	-	8,000	8,000	-
CAPITAL IMPROVEMENT FUND	-	-	-	75,000	-
SPECIAL PROJECTS	-	-	20,000	-	20,000
DEBT SERVICE	2,221,100	2,222,955	2,017,820	2,017,635	2,145,350
TOTAL	\$ 5,155,623	\$ 5,859,194	\$ 5,823,665	\$ 5,851,625	\$ 6,325,565

DESCRIPTION

The Muddy Creek WWTP treats wastewater for the cities of Wylie and Murphy. The conventional activated sludge plant is located at 5401 Pleasant Valley Road and has a capacity of 10.0 MGD. The plant discharges into Muddy Creek, a tributary of Lake Ray Hubbard, and operates under the following permit limits:

(All year) - 10 mg/L CBOD, 15 mg/L TSS, 2 mg/L NH3-N and 2.4 mg/L PO4

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

310 MUDDY CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
420000-4016 - Murphy					
Allocated Expenditures	\$ 1,594,815	\$ 1,913,425	\$ 1,951,509	\$ 1,666,730	\$ 1,801,724
Allocated Interest Income	(94)	(750)	(538)	(990)	(1,040)
Less Credit	(103,619)	(103,619)	(103,619)	(103,619)	(103,619)
Less Other	(111)	(3,352)	-	-	-
Total	1,490,991	1,805,705	1,847,352	1,562,121	1,697,066
420000-4031 - Wylie					
Allocated Expenditures	3,560,808	3,945,769	3,872,156	4,184,895	4,523,841
Allocated Interest Income	(209)	(1,546)	(1,067)	(2,485)	(2,610)
Less Credit	(241,211)	(241,211)	(241,211)	(241,211)	(241,211)
Less Other	(248)	(6,912)	-	-	-
Total	3,319,139	3,696,100	3,629,878	3,941,199	4,280,019
Total System					
Expenditures	5,155,623	5,859,194	5,823,665	5,851,625	6,325,565
Interest Income	(303)	(2,296)	(1,605)	(3,475)	(3,650)
Less Credit	(344,830)	(344,830)	(344,830)	(344,830)	(344,830)
Less Other	(360)	(10,264)	-	-	-
Total	\$ 4,810,130	\$ 5,501,805	\$ 5,477,230	\$ 5,503,320	\$ 5,977,085
Annual Flow (1,000):					
Murphy	755,513	890,557	823,276	646,890	679,235
Wylie	1,686,868	1,836,459	1,633,532	1,624,238	1,705,450
Total	2,442,381	2,727,016	2,456,808	2,271,128	2,384,685

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

310 MUDDY CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Sewer Facilities	\$ 4,810,130	\$ 5,501,805	\$ 5,477,230	\$ 5,503,320	\$ 5,977,085
Total	<u>4,810,130</u>	<u>5,501,805</u>	<u>5,477,230</u>	<u>5,503,320</u>	<u>5,977,085</u>
Other Charges:					
Debt Acquisition	344,830	344,830	344,830	344,830	344,830
Other	360	10,264	-	-	-
Total	<u>345,190</u>	<u>355,094</u>	<u>344,830</u>	<u>344,830</u>	<u>344,830</u>
Interest Income	303	2,296	1,605	3,475	3,650
Total	<u>\$ 5,155,623</u>	<u>\$ 5,859,194</u>	<u>\$ 5,823,665</u>	<u>\$ 5,851,625</u>	<u>\$ 6,325,565</u>

Expenditures:

Personnel:					
Salaries & Wages	657,901	847,381	1,034,330	984,815	1,066,885
Other	293,943	406,582	419,720	422,195	454,640
Total	<u>951,844</u>	<u>1,253,963</u>	<u>1,454,050</u>	<u>1,407,010</u>	<u>1,521,525</u>
Supplies:					
Fuel	8,270	8,951	11,090	5,090	9,075
Chemicals	199,199	256,347	275,105	301,500	317,345
Other	183,917	421,878	302,340	368,190	355,410
Total	<u>391,386</u>	<u>687,176</u>	<u>588,535</u>	<u>674,780</u>	<u>681,830</u>
Services:					
Power	338,817	305,291	360,000	269,600	300,000
Other	1,241,107	1,119,218	1,264,060	1,212,390	1,268,115
Total	<u>1,579,925</u>	<u>1,424,508</u>	<u>1,624,060</u>	<u>1,481,990</u>	<u>1,568,115</u>
Capital Outlay	11,368	270,592	111,200	187,210	388,745
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	8,000	8,000	-
Total	<u>-</u>	<u>-</u>	<u>8,000</u>	<u>8,000</u>	<u>-</u>
Capital Improvement Fund	-	-	-	75,000	-
Debt Service	2,221,100	2,222,955	2,017,820	2,017,635	2,145,350
Special Projects	-	-	20,000	-	20,000
Total	<u>\$ 5,155,623</u>	<u>\$ 5,859,194</u>	<u>\$ 5,823,665</u>	<u>\$ 5,851,625</u>	<u>\$ 6,325,565</u>

Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

311 SEIS LAGOS WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 41,072	\$ 39,126	\$ 58,195	\$ 62,495	\$ 60,205
SUPPLIES	26,060	18,989	38,285	36,230	39,275
SERVICES	65,799	78,359	88,040	85,500	91,935
CAPITAL OUTLAY	5,161	25,779	4,725	4,850	3,980
ESCROW	2,500	2,500	4,000	4,000	-
TOTAL	\$ 140,592	\$ 164,753	\$ 193,245	\$ 193,075	\$ 195,395

DESCRIPTION

The Seis Lagos WWTP treats wastewater for the Seis Lagos subdivision which is located at 1007 Riva Ridge Road in the Seis Lagos gated community. The extended air treatment plant was constructed by the Seis Lagos Municipal Utility District and designed for 0.250 MGD flow. The permit is in the name of the North Texas Municipal Water District and operates in accordance with an annual operating agreement. The plant discharges into Lake Lavon and operates under the following permit limits:

(All year) - 7 mg/L BOD, 15 mg/L TSS and 2 mg/L NH3-N

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

311 SEIS LAGOS WASTEWATER TREATMENT PLANT

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 140,373	\$ 164,155	\$ 193,105	\$ 192,775
Total	<u>140,373</u>	<u>164,155</u>	<u>193,105</u>	<u>192,775</u>
Other Charges:				
Other	166	455	-	-
Total	<u>166</u>	<u>455</u>	<u>-</u>	<u>-</u>
Interest Income	53	143	140	300
Total	<u>\$ 140,592</u>	<u>\$ 164,753</u>	<u>\$ 193,245</u>	<u>\$ 193,075</u>
				<u>\$ 195,395</u>

Expenditures:

Personnel:				
Salaries & Wages	26,210	26,443	39,845	44,080
Other	<u>14,862</u>	<u>12,684</u>	<u>18,350</u>	<u>18,415</u>
Total	<u>41,072</u>	<u>39,126</u>	<u>58,195</u>	<u>62,495</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	3,309	1,780	4,400	5,100
Other	<u>22,751</u>	<u>17,208</u>	<u>33,885</u>	<u>31,130</u>
Total	<u>26,060</u>	<u>18,989</u>	<u>38,285</u>	<u>36,230</u>
Services:				
Power	13,213	13,677	15,000	14,000
Other	<u>52,586</u>	<u>64,682</u>	<u>73,040</u>	<u>71,500</u>
Total	<u>65,799</u>	<u>78,359</u>	<u>88,040</u>	<u>85,500</u>
Capital Outlay	5,161	25,779	4,725	4,850
Escrow:				
Reserve for Maintenance	2,500	2,500	4,000	4,000
Equipment Replacement	-	-	-	-
Total	<u>2,500</u>	<u>2,500</u>	<u>4,000</u>	<u>4,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 140,592</u>	<u>\$ 164,753</u>	<u>\$ 193,245</u>	<u>\$ 193,075</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****312 ROYSE CITY WASTEWATER TREATMENT PLANT**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 5,663	\$ 5,181	\$ 6,785	\$ 7,425	\$ 7,715
SUPPLIES	266	910	2,055	2,065	1,965
SERVICES	5,744	11,405	9,180	7,285	7,745
CAPITAL	-	1,225	540	555	510
TOTAL	\$ 11,673	\$ 18,721	\$ 18,560	\$ 17,330	\$ 17,935

DESCRIPTION

The City of Royse City owns this extended air treatment plant which has a design capacity of 500,000 gallons per day. The plant has been operated by the NTMWD in accordance with an annual operating contract with the City. Flow was diverted from the Royse City WWTP to the Sabine Creek WWTP in 2006. Currently, the plant is not in service. However, the discharge permit is still effective so the plant can be placed back in service if additional capacity is needed prior to the next expansion of Sabine Creek WWTP. The plant operates with the following permit limits:

(All year) - 10 mg/L CBOD, 15 mg/L TSS, and 3 mg/L NH3-N

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

312 ROYSE CITY WASTEWATER TREATMENT PLANT

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 11,664	\$ 18,676	\$ 18,515	\$ 17,265
Total	<u>11,664</u>	<u>18,676</u>	<u>18,515</u>	<u>17,265</u>
Other Charges:				
Other	4	0	-	-
Total	<u>4</u>	<u>0</u>	<u>-</u>	<u>-</u>
Interest Income	6	45	45	65
Total	<u>\$ 11,673</u>	<u>\$ 18,721</u>	<u>\$ 18,560</u>	<u>\$ 17,330</u>
				<u>\$ 17,935</u>

Expenditures:

Personnel:				
Salaries & Wages	3,611	3,465	4,555	5,190
Other	<u>2,053</u>	<u>1,716</u>	<u>2,230</u>	<u>2,235</u>
Total	<u>5,663</u>	<u>5,181</u>	<u>6,785</u>	<u>7,425</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	266	910	2,055	2,065
Total	<u>266</u>	<u>910</u>	<u>2,055</u>	<u>2,065</u>
Services:				
Power	452	114	150	150
Other	<u>5,293</u>	<u>11,291</u>	<u>9,030</u>	<u>7,135</u>
Total	<u>5,744</u>	<u>11,405</u>	<u>9,180</u>	<u>7,285</u>
Capital Outlay	-	1,225	540	555
Escrow:				
Reserve for Maintenance	-	-	-	-
Equipment Replacement	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 11,673</u>	<u>\$ 18,721</u>	<u>\$ 18,560</u>	<u>\$ 17,330</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

313 FARMERSVILLE WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 61,616	\$ 56,088	\$ 79,040	\$ 84,985	\$ 111,290
SUPPLIES	33,156	46,627	54,940	58,830	66,405
SERVICES	125,901	151,267	163,085	159,970	155,060
CAPITAL OUTLAY	5,161	28,921	37,345	30,365	15,500
ESCROW	2,000	2,000	-	-	-
TOTAL	\$ 227,835	\$ 284,902	\$ 334,410	\$ 334,150	\$ 348,255

DESCRIPTION

The NTMWD operates and maintains the Farmersville WWTPs in accordance with an operating agreement with the City of Farmersville. This function consists of two plants. Plant I is a 225,000 gallon per day trickling filter plant. Plant II is a 530,000 gallon per day extended air treatment plant. Both plants discharge into Elm Creek, a tributary of Lake Lavon, and each plant operates under the following permit limits:

(All year) - 10 mg/L CBOD, 15 mg/L TSS and 3 mg/L NH3-N

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

313 FARMERSVILLE WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Sewer Facilities	\$ 227,502	\$ 284,151	\$ 334,265	\$ 333,800	\$ 347,885
Total	227,502	284,151	334,265	333,800	347,885
Other Charges:					
Other	274	597	-	-	-
Total	274	597	-	-	-
Interest Income	59	154	145	350	370
Total	\$ 227,835	\$ 284,902	\$ 334,410	<b">\$ 334,150</b">	\$ 348,255

Expenditures:

Personnel:					
Salaries & Wages	39,317	37,726	53,505	59,375	78,420
Other	22,299	18,361	25,535	25,610	32,870
Total	61,616	56,088	79,040	84,985	111,290
Supplies:					
Fuel	-	-	-	-	-
Chemicals	12,073	10,174	13,100	13,100	13,600
Other	21,083	36,453	41,840	45,730	52,805
Total	33,156	46,627	54,940	58,830	66,405
Services:					
Power	48,906	48,743	55,000	50,700	54,500
Other	76,995	102,523	108,085	109,270	100,560
Total	125,901	151,267	163,085	159,970	155,060
Capital Outlay	5,161	28,921	37,345	30,365	15,500
Escrow:					
Reserve for Maintenance	2,000	2,000	-	-	-
Equipment Replacement	-	-	-	-	-
Total	2,000	2,000	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	\$ 227,835	\$ 284,902	\$ 334,410	\$ 334,150	\$ 348,255
Revenues Over/(Under) Expenditures	-	-	-	-	-

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

315 FRISCO COTTONWOOD CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 44,875	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000
SUPPLIES	9,969	10,570	14,405	15,205	14,405
SERVICES	62,870	72,646	82,760	81,960	77,705
CAPITAL OUTLAY	-	-	13,500	13,500	-
ESCROW	1,000	1,000	1,500	1,500	-
TOTAL	\$ 118,714	\$ 129,217	\$ 157,165	\$ 157,165	\$ 137,110

DESCRIPTION

The NTMWD operates the Cottonwood Creek WWTP located at 6820 First Street in Frisco for the City of Frisco. The contact stabilization plant has a capacity of 0.3 MGD. The plant discharges into Cottonwood Creek which flows into Lake Lewisville and operates under the following permit limits:

(All year) - 10 mg/L BOD and 15 mg/L TSS

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

315 FRISCO COTTONWOOD CREEK WASTEWATER TREATMENT PLANT

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 118,651	\$ 129,061	\$ 157,065	\$ 156,990
Total	<u>118,651</u>	<u>129,061</u>	<u>157,065</u>	<u>156,990</u>
Other Charges:				
Other	51	34	-	-
Total	<u>51</u>	<u>34</u>	<u>-</u>	<u>-</u>
Interest Income	13	122	100	175
Total	<u>\$ 118,714</u>	<u>\$ 129,217</u>	<u>\$ 157,165</u>	<u>\$ 157,165</u>
				<u>\$ 137,110</u>

Expenditures:

Personnel:				
Salaries & Wages	44,875	45,000	45,000	45,000
Other	-	-	-	-
Total	<u>44,875</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	3,592	3,222	3,800	3,545
Other	<u>6,377</u>	<u>7,349</u>	<u>10,605</u>	<u>11,660</u>
Total	<u>9,969</u>	<u>10,570</u>	<u>14,405</u>	<u>15,205</u>
Services:				
Power	26,455	27,788	30,000	28,750
Other	<u>36,415</u>	<u>44,859</u>	<u>52,760</u>	<u>53,210</u>
Total	<u>62,870</u>	<u>72,646</u>	<u>82,760</u>	<u>81,960</u>
Capital Outlay	-	-	13,500	13,500
Escrow:				
Reserve for Maintenance	1,000	1,000	1,500	1,500
Equipment Replacement	-	-	-	-
Total	<u>1,000</u>	<u>1,000</u>	<u>1,500</u>	<u>1,500</u>
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 118,714</u>	<u>\$ 129,217</u>	<u>\$ 157,165</u>	<u>\$ 157,165</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

317 LAVON WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 41,072	\$ 39,037	\$ 58,195	\$ 62,795	\$ 74,385
SUPPLIES	33,476	19,862	35,245	56,595	37,005
SERVICES	64,041	89,033	104,095	101,575	139,305
CAPITAL OUTLAY	10,398	16,688	29,725	4,850	27,000
ESCROW	1,000	1,000	2,000	2,000	2,000
TOTAL	\$ 149,987	\$ 165,619	\$ 229,260	\$ 227,815	\$ 279,695

DESCRIPTION

The Lavon (Bear Creek) WWTP treats wastewater for the City of Lavon. The extended air treatment plant located at 10531 CR 484 in Lavon has a capacity of 0.250 MGD. The City of Lavon is currently working with the TCEQ to permit and expand the treatment capacity of the plant to meet future wastewater needs due to growth in the service area of the plant. The plant discharges into Bear Creek, a tributary of Lake Ray Hubbard, and operates under the following permit limits:

(All year) - 5 mg/L CBOD, 5 mg/L TSS and 2 mg/L NH3-N

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

317 LAVON WASTEWATER TREATMENT PLANT

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 149,755	\$ 165,056	\$ 229,130	\$ 227,555
Total	<u>149,755</u>	<u>165,056</u>	<u>229,130</u>	<u>227,555</u>
Other Charges:				
Other	186	440	-	-
Total	<u>186</u>	<u>440</u>	<u>-</u>	<u>-</u>
Interest Income	47	123	130	260
Total	<u>\$ 149,987</u>	<u>\$ 165,619</u>	<u>\$ 229,260</u>	<u>\$ 227,815</u>
				<u>\$ 279,695</u>

Expenditures:

Personnel:				
Salaries & Wages	26,210	26,369	39,845	44,380
Other	<u>14,862</u>	<u>12,668</u>	<u>18,350</u>	<u>18,415</u>
Total	<u>41,072</u>	<u>39,037</u>	<u>58,195</u>	<u>62,795</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	2,410	1,803	3,100	3,300
Other	<u>31,066</u>	<u>18,059</u>	<u>32,145</u>	<u>53,295</u>
Total	<u>33,476</u>	<u>19,862</u>	<u>35,245</u>	<u>56,595</u>
Services:				
Power	-	-	-	-
Other	<u>64,041</u>	<u>89,033</u>	<u>104,095</u>	<u>101,575</u>
Total	<u>64,041</u>	<u>89,033</u>	<u>104,095</u>	<u>101,575</u>
Capital Outlay	10,398	16,688	29,725	4,850
Escrow:				
Reserve for Maintenance	1,000	1,000	-	-
Equipment Replacement	-	-	-	-
Preventive Maintenance	-	-	2,000	2,000
Total	<u>1,000</u>	<u>1,000</u>	<u>2,000</u>	<u>2,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 149,987</u>	<u>\$ 165,619</u>	<u>\$ 229,260</u>	<u>\$ 227,815</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****502 FORNEY INTERCEPTOR**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 22,559	\$ 207	\$ 14,550	\$ 14,220	\$ -
SUPPLIES	61,328	86,502	95,425	94,745	96,670
SERVICES	127,836	99,982	227,985	228,665	286,750
ESCROW	2,000	2,000	-	-	-
TOTAL	\$ 213,723	\$ 188,691	\$ 337,960	\$ 337,630	\$ 383,420

DESCRIPTION

The Forney Interceptor facilities transfer wastewater to the Mesquite WWTP. The system consists of a 10.8 MGD lift station, 6,697 feet of gravity sewer and 29,500 feet of pressure sewer main.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

502 FORNEY INTERCEPTOR

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 212,943	\$ 187,800	\$ 337,875	\$ 337,250
Total	<u>212,943</u>	<u>187,800</u>	<u>337,875</u>	<u>337,250</u>
Other Charges:				
Other	759	826	-	-
Total	<u>759</u>	<u>826</u>	<u>-</u>	<u>-</u>
Interest Income	21	65	85	380
Total	<u>\$ 213,723</u>	<u>\$ 188,691</u>	<u>\$ 337,960</u>	<u>\$ 337,630</u>
				<u>\$ 383,420</u>

Expenditures:

Personnel:				
Salaries & Wages	15,747	-	9,360	9,330
Other	6,812	207	5,190	4,890
Total	<u>22,559</u>	<u>207</u>	<u>14,550</u>	<u>14,220</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	50,588	71,371	75,900	75,900
Other	10,741	15,131	19,525	18,845
Total	<u>61,328</u>	<u>86,502</u>	<u>95,425</u>	<u>94,745</u>
Services:				
Power	39,984	45,091	40,000	38,800
Other	87,852	54,891	187,985	189,865
Total	<u>127,836</u>	<u>99,982</u>	<u>227,985</u>	<u>228,665</u>
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	2,000	2,000	-	-
Equipment Replacement	-	-	-	-
Total	<u>2,000</u>	<u>2,000</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 213,723</u>	<u>\$ 188,691</u>	<u>\$ 337,960</u>	<u>\$ 337,630</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

503 LOWER EAST FORK INTERCEPTOR

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 23,061	\$ 10,097	\$ 14,270	\$ 13,980	\$ -
SUPPLIES	58,290	93,501	99,545	74,060	91,140
SERVICES	115,107	177,009	324,095	350,345	347,090
ESCROW	2,000	2,000	-	-	115,000
DEBT SERVICE	<u>1,431,510</u>	<u>1,289,355</u>	<u>1,274,500</u>	<u>1,273,785</u>	<u>1,304,235</u>
TOTAL	<u>\$ 1,629,968</u>	<u>\$ 1,571,963</u>	<u>\$ 1,712,410</u>	<u>\$ 1,712,170</u>	<u>\$ 1,857,465</u>

DESCRIPTION

The Lower East Fork Interceptor transfers all of the City of Seagoville and a portion of the City of Mesquite wastewater flow to the Mesquite Regional WWTP for treatment. The system consists of 26,110 feet of gravity pipelines, a 16 mgd lift station and 22,320 feet of pressure sewer main.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

503 LOWER EAST FORK INTERCEPTOR

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
420000-4015 - Mesquite	\$ 1,274,227	\$ 1,228,682	\$ 1,339,226	\$ 1,338,327	\$ 1,451,924
420000-4026 - Seagoville	355,000	342,312	373,109	372,858	404,506
Total	\$ 1,629,227	\$ 1,570,994	<b">\$ 1,712,335</b">	<b">\$ 1,711,185</b">	<b">\$ 1,856,430</b">
Annual Flow (1,000):					
Mesquite	2,711,950	2,711,950	2,711,950	2,711,950	2,711,950
Seagoville	755,550	755,550	755,550	755,550	755,550
Total	3,467,500	3,467,500	3,467,500	3,467,500	3,467,500

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

503 LOWER EAST FORK INTERCEPTOR

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:					
Interceptor Facilities	\$ 1,629,227	\$ 1,570,994	\$ 1,712,335	\$ 1,711,185	\$ 1,856,430
Total	<u>1,629,227</u>	<u>1,570,994</u>	<u>1,712,335</u>	<u>1,711,185</u>	<u>1,856,430</u>
Other Charges:					
Other	687	775	-	-	-
Total	<u>687</u>	<u>775</u>	<u>-</u>	<u>-</u>	<u>-</u>
Interest Income	54	194	75	985	1,035
Total	<u>\$ 1,629,968</u>	<u>\$ 1,571,963</u>	<u>\$ 1,712,410</u>	<u>\$ 1,712,170</u>	<u>\$ 1,857,465</u>

Expenditures:

Personnel:					
Salaries & Wages	16,024	9,152	9,075	9,075	-
Other	<u>7,037</u>	<u>945</u>	<u>5,195</u>	<u>4,905</u>	<u>-</u>
Total	<u>23,061</u>	<u>10,097</u>	<u>14,270</u>	<u>13,980</u>	<u>-</u>
Supplies:					
Fuel	-	-	-	-	-
Chemicals	54,226	85,901	73,820	52,950	63,790
Other	<u>4,064</u>	<u>7,600</u>	<u>25,725</u>	<u>21,110</u>	<u>27,350</u>
Total	<u>58,290</u>	<u>93,501</u>	<u>99,545</u>	<u>74,060</u>	<u>91,140</u>
Services:					
Power	36,712	33,632	45,000	26,300	27,500
Other	<u>78,395</u>	<u>143,378</u>	<u>279,095</u>	<u>324,045</u>	<u>319,590</u>
Total	<u>115,107</u>	<u>177,009</u>	<u>324,095</u>	<u>350,345</u>	<u>347,090</u>
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	2,000	2,000	-	-	-
Prev Maint Escrow	-	-	-	-	115,000
Total	<u>2,000</u>	<u>2,000</u>	<u>-</u>	<u>-</u>	<u>115,000</u>
Capital Improvement Fund	-	-	-	-	-
Debt Service	1,431,510	1,289,355	1,274,500	1,273,785	1,304,235
Special Projects	-	-	-	-	-
Total	<u>\$ 1,629,968</u>	<u>\$ 1,571,963</u>	<u>\$ 1,712,410</u>	<u>\$ 1,712,170</u>	<u>\$ 1,857,465</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****504 MUDDY CREEK INTERCEPTOR**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ 25,850	\$ 27,890	\$ 52,930	\$ 52,930	\$ 49,620
SERVICES	2,632	8,464	20,800	20,795	19,930
ESCROW	-	-	15,000	15,000	40,000
DEBT SERVICE	270,865	244,250	246,260	246,010	247,210
TOTAL	\$ 299,346	\$ 280,604	\$ 334,990	\$ 334,735	\$ 356,760

DESCRIPTION

The Muddy Creek Interceptor serves the Cities of Wylie and Murphy. The system consists of 21,360 feet of gravity pipelines which transport flow to the Muddy Creek WWTP for treatment.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

504 MUDDY CREEK INTERCEPTOR

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
420000-4016 - Murphy	\$ 117,139	\$ 109,742	\$ 131,212	\$ 131,037	\$ 139,660
420000-4031 - Wylie	181,873	170,388	203,723	203,453	216,840
Total	\$ 299,012	\$ 280,130	\$ 334,935	\$ 334,490	\$ 356,500
Annual Flow (1,000):					
Murphy	1,387,000	1,387,000	1,387,000	1,387,000	1,387,000
Wylie	2,153,500	2,153,500	2,153,500	2,153,500	2,153,500
Total	3,540,500	3,540,500	3,540,500	3,540,500	3,540,500

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

504 MUDDY CREEK INTERCEPTOR

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 299,012	\$ 280,130	\$ 334,935	\$ 334,490
Total	<u>299,012</u>	<u>280,130</u>	<u>334,935</u>	<u>334,490</u>
Other Charges:				
Other	318	382	-	-
Total	<u>318</u>	<u>382</u>	<u>-</u>	<u>-</u>
Interest Income	16	91	55	245
Total	<u>\$ 299,346</u>	<u>\$ 280,604</u>	<u>\$ 334,990</u>	<u>\$ 334,735</u>
				<u>\$ 356,760</u>

Expenditures:

Personnel:				
Salaries & Wages	-	-	-	-
Other	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	25,633	27,335	49,160	49,160
Other	<u>217</u>	<u>555</u>	<u>3,770</u>	<u>3,770</u>
Total	<u>25,850</u>	<u>27,890</u>	<u>52,930</u>	<u>52,930</u>
				<u>49,620</u>
Services:				
Power	-	-	-	-
Other	<u>2,632</u>	<u>8,464</u>	<u>20,800</u>	<u>20,795</u>
Total	<u>2,632</u>	<u>8,464</u>	<u>20,800</u>	<u>20,795</u>
				<u>19,930</u>
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	-	-	-	-
Equipment Replacement	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Preventive Maintenance	<u>-</u>	<u>-</u>	<u>15,000</u>	<u>15,000</u>
Total	<u>-</u>	<u>-</u>	<u>15,000</u>	<u>15,000</u>
				<u>40,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	270,865	244,250	246,260	246,010
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 299,346</u>	<u>\$ 280,604</u>	<u>\$ 334,990</u>	<u>\$ 334,735</u>
				<u>\$ 356,760</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****505 PARKER CREEK INTERCEPTOR**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ 1,575	\$ 14,156	\$ 11,365	\$ 2,425	\$ 7,365
SERVICES	776	16,300	17,400	36,895	31,085
ESCROW	1,000	1,000	9,000	6,750	17,000
DEBT SERVICE	226,510	225,510	224,020	222,010	222,510
TOTAL	\$ 229,861	\$ 256,967	\$ 261,785	\$ 268,080	\$ 277,960

DESCRIPTION

The Parker Creek Interceptor serves the Cities of Royse City and Fate. The system consists of 26,780 feet of gravity pipelines which transport flow to the Sabine Creek WWTP for treatment.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

505 PARKER CREEK INTERCEPTOR

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
420000-4006 - Fate	\$ 195,375	\$ 218,361	\$ 222,466	\$ 227,766	\$ 236,156
420000-4024 - Royse City	34,478	38,534	39,259	40,194	41,675
Total	\$ 229,853	\$ 256,895	<b">\$ 261,725</b">	<b">\$ 267,960</b">	\$ 277,830
Annual Flow (1,000):					
Fate	527,425	527,425	527,425	527,425	527,425
Royse City	93,075	93,075	93,075	93,075	93,075
Total	620,500	620,500	620,500	620,500	620,500

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

505 PARKER CREEK INTERCEPTOR

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 229,853	\$ 256,895	\$ 261,725	\$ 267,960
Total	<u>229,853</u>	<u>256,895</u>	<u>261,725</u>	<u>267,960</u>
Other Charges:				
Other	-	5	-	-
Total	<u>-</u>	<u>5</u>	<u>-</u>	<u>-</u>
Interest Income	8	67	60	120
Total	<u>\$ 229,861</u>	<u>\$ 256,967</u>	<u>\$ 261,785</u>	<u>\$ 268,080</u>
				<u>\$ 277,960</u>

Expenditures:

Personnel:				
Salaries & Wages	-	-	-	-
Other	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Other	<u>1,575</u>	<u>14,156</u>	<u>11,365</u>	<u>2,425</u>
Total	<u>1,575</u>	<u>14,156</u>	<u>11,365</u>	<u>2,425</u>
7,365				
Services:				
Power	252	251	365	265
Other	<u>524</u>	<u>16,049</u>	<u>17,035</u>	<u>36,630</u>
Total	<u>776</u>	<u>16,300</u>	<u>17,400</u>	<u>36,895</u>
31,085				
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	1,000	1,000	-	-
Equipment Replacement	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Preventive Maintenance	<u>-</u>	<u>-</u>	<u>9,000</u>	<u>6,750</u>
Total	<u>1,000</u>	<u>1,000</u>	<u>9,000</u>	<u>6,750</u>
17,000				
Capital Improvement Fund	-	-	-	-
Debt Service	226,510	225,510	224,020	222,010
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 229,861</u>	<u>\$ 256,967</u>	<u>\$ 261,785</u>	<u>\$ 268,080</u>
				<u>\$ 277,960</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****506 SABINE CREEK INTERCEPTOR**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ 1,473	\$ 38	\$ 615	\$ 615	\$ 615
SERVICES	626	1,760	9,980	9,975	7,750
DEBT SERVICE	<u>182,010</u>	<u>181,750</u>	<u>181,010</u>	<u>181,010</u>	<u>180,010</u>
TOTAL	\$ 184,109	\$ 183,548	\$ 191,605	\$ 191,600	\$ 188,375

DESCRIPTION

The Sabine Creek Interceptor transfers wastewater flow for Royse City to the Sabine Creek WWTP for treatment. The system consists of 16,680 feet of gravity pipelines.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

506 SABINE CREEK INTERCEPTOR

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 184,098	\$ 183,530	\$ 191,595	\$ 191,520
Total	<u>184,098</u>	<u>183,530</u>	<u>191,595</u>	<u>191,520</u>
Other Charges:				
Other	7	0	-	-
Total	<u>7</u>	<u>0</u>	<u>-</u>	<u>-</u>
Interest Income	4	18	10	80
Total	<u>\$ 184,109</u>	<u>\$ 183,548</u>	<u>\$ 191,605</u>	<u>\$ 191,600</u>
				<u>\$ 188,375</u>

Expenditures:

Personnel:				
Salaries & Wages	-	-	-	-
Other	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	1,473	38	615	615
Total	<u>1,473</u>	<u>38</u>	<u>615</u>	<u>615</u>
Services:				
Power	-	-	-	-
Other	626	1,760	9,980	9,975
Total	<u>626</u>	<u>1,760</u>	<u>9,980</u>	<u>9,975</u>
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	-	-	-	-
Prev Maint Escrow	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-
Debt Service	182,010	181,750	181,010	181,010
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 184,109</u>	<u>\$ 183,548</u>	<u>\$ 191,605</u>	<u>\$ 191,600</u>
				<u>\$ 188,375</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****507 BUFFALO CREEK INTERCEPTOR**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 22,626	\$ 214	\$ 16,120	\$ 15,750	\$ -
SUPPLIES	55,735	49,011	116,765	123,585	120,365
SERVICES	91,593	185,036	289,580	285,140	338,320
CAPITAL OUTLAY	-	-	-	-	30,000
ESCROW	-	-	-	-	115,000
DEBT SERVICE	<u>1,406,270</u>	<u>1,436,270</u>	<u>1,448,530</u>	<u>1,446,520</u>	<u>1,440,415</u>
TOTAL	<u>\$ 1,576,224</u>	<u>\$ 1,670,532</u>	<u>\$ 1,870,995</u>	<u>\$ 1,870,995</u>	<u>\$ 2,044,100</u>

DESCRIPTION

The Buffalo Creek Interceptor transfers wastewater for the Cities of Forney, Heath and Rockwall to the South Mesquite Creek Regional WWTP for treatment. The system consists of 75,300 feet of gravity pipelines, a 30 mgd lift station and 9,900 feet of pressure sewer main.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

507 BUFFALO CREEK INTERCEPTOR

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
420000-4008 - Forney	\$ 173,912	\$ 225,252	\$ 246,501	\$ 141,380	\$ 158,932
420000-4011 - Heath	512,866	613,611	581,752	624,648	702,196
420000-4021 - Rockwall	888,653	830,782	1,042,367	1,103,637	1,181,571
Total	\$ 1,575,431	\$ 1,669,645	\$ 1,870,620	\$ 1,869,665	\$ 2,042,700
Annual Flow (1,000):					
Forney	139,293	192,975	168,316	91,178	95,737
Heath	410,772	525,694	397,232	402,844	422,986
Rockwall	711,750	711,750	711,750	711,750	711,750
Total	1,261,815	1,430,419	1,277,298	1,205,772	1,230,473

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

507 BUFFALO CREEK INTERCEPTOR

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 1,575,431	\$ 1,669,645	\$ 1,870,620	\$ 1,869,665
Total	<u>1,575,431</u>	<u>1,669,645</u>	<u>1,870,620</u>	<u>1,869,665</u>
Other Charges:				
Other	743	462	-	-
Total	<u>743</u>	<u>462</u>	<u>-</u>	<u>-</u>
Interest Income	50	424	375	1,330
Total	<u>\$ 1,576,224</u>	<u>\$ 1,670,532</u>	<u>\$ 1,870,995</u>	<u>\$ 1,870,995</u>
				<u>\$ 2,044,100</u>

Expenditures:

Personnel:				
Salaries & Wages	15,766	-	10,635	10,600
Other	<u>6,860</u>	<u>214</u>	<u>5,485</u>	<u>5,150</u>
Total	<u>22,626</u>	<u>214</u>	<u>16,120</u>	<u>15,750</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	50,892	27,153	99,900	112,000
Other	<u>4,843</u>	<u>21,859</u>	<u>16,865</u>	<u>11,585</u>
Total	<u>55,735</u>	<u>49,011</u>	<u>116,765</u>	<u>123,585</u>
Services:				
Power	44,359	54,906	48,000	41,300
Other	<u>47,234</u>	<u>130,130</u>	<u>241,580</u>	<u>243,840</u>
Total	<u>91,593</u>	<u>185,036</u>	<u>289,580</u>	<u>285,140</u>
Capital Outlay	-	-	-	30,000
Escrow:				
Reserve for Maintenance	-	-	-	-
Prev Maint Escrow	<u>-</u>	<u>-</u>	<u>-</u>	<u>115,000</u>
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>115,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	1,406,270	1,436,270	1,448,530	1,446,520
Special Projects	-	-	-	-
Total	<u>\$ 1,576,224</u>	<u>\$ 1,670,532</u>	<u>\$ 1,870,995</u>	<u>\$ 1,870,995</u>
				<u>\$ 2,044,100</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****508 MCKINNEY INTERCEPTOR**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ -	\$ -	\$ 450	\$ 450	\$ 435
SERVICES	778	775	1,890	1,890	1,975
ESCROW	-	-	4,750	4,750	4,880
DEBT SERVICE	4,600	-	-	-	-
TOTAL	\$ 5,378	\$ 775	\$ 7,090	\$ 7,090	\$ 7,290

DESCRIPTION

The McKinney Interceptor transfers wastewater from McKinney to the Wilson Creek RWWTP for treatment. The system consists of 16,440 feet of gravity pipelines.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

508 MCKINNEY INTERCEPTOR

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 5,370	\$ 751	\$ 7,075	\$ 7,040
Total	<u>5,370</u>	<u>751</u>	<u>7,075</u>	<u>7,040</u>
Other Charges:				
Other	7	8	-	-
Total	<u>7</u>	<u>8</u>	<u>-</u>	<u>-</u>
Interest Income	1	16	15	50
Total	<u>\$ 5,378</u>	<u>\$ 775</u>	<u>\$ 7,090</u>	<u>\$ 7,090</u>
				<u>\$ 7,290</u>

Expenditures:

Personnel:				
Salaries & Wages	-	-	-	-
Other	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Other	<u>-</u>	<u>-</u>	<u>450</u>	<u>450</u>
Total	<u>-</u>	<u>-</u>	<u>450</u>	<u>450</u>
Services:				
Power	288	315	375	335
Other	<u>490</u>	<u>460</u>	<u>1,515</u>	<u>1,555</u>
Total	<u>778</u>	<u>775</u>	<u>1,890</u>	<u>1,890</u>
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	-	-	4,750	4,750
Equipment Replacement	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>-</u>	<u>-</u>	<u>4,750</u>	<u>4,750</u>
Capital Improvement Fund	-	-	-	-
Debt Service	4,600	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 5,378</u>	<u>\$ 775</u>	<u>\$ 7,090</u>	<u>\$ 7,090</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****509 MUSTANG CREEK INTERCEPTOR**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ -	\$ -	\$ 3,815	\$ 3,565	\$ 3,815
SERVICES	81	4,931	8,100	8,345	9,070
ESCROW	5,000	5,000	32,895	32,895	33,880
DEBT SERVICE	<u>570,760</u>	<u>569,260</u>	<u>564,510</u>	<u>564,510</u>	<u>572,785</u>
TOTAL	\$ 575,841	\$ 579,191	\$ 609,320	\$ 609,315	\$ 619,550

DESCRIPTION

The Mustang Creek Interceptor serves a portion of the City of Forney. It consists of a system of gravity sewers, force mains and increased capacity at the Forney Lift Station. The interceptor system is utilized to transfer Forney wastewater to the South Mesquite Creek RWWTP.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

509 MUSTANG CREEK INTERCEPTOR

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 575,825	\$ 579,075	\$ 609,215	\$ 609,065
Total	<u>575,825</u>	<u>579,075</u>	<u>609,215</u>	<u>609,065</u>
Interest Income	16	116	105	250
Total	<u>\$ 575,841</u>	<u>\$ 579,191</u>	<u>\$ 609,320</u>	<u>\$ 609,315</u>
				<u>\$ 619,550</u>

Expenditures:

Personnel:				
Salaries & Wages	-	-	-	-
Other	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	-	-	3,815	3,565
Total	<u>-</u>	<u>-</u>	<u>3,815</u>	<u>3,565</u>
Services:				
Power	-	-	-	-
Other	81	4,931	8,100	8,345
Total	<u>81</u>	<u>4,931</u>	<u>8,100</u>	<u>8,345</u>
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	5,000	5,000	-	-
Equipment Replacement	-	-	-	-
Preventive Maintenance	-	-	32,895	32,895
Total	<u>5,000</u>	<u>5,000</u>	<u>32,895</u>	<u>32,895</u>
Capital Improvement Fund	-	-	-	-
Debt Service	570,760	569,260	564,510	564,510
Special Projects	-	-	-	-
Total	<u>\$ 575,841</u>	<u>\$ 579,191</u>	<u>\$ 609,320</u>	<u>\$ 609,315</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****510 PARKER CREEK PARALLEL INTERCEPTOR**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ -	\$ -	\$ 500	\$ 500	\$ 500
SERVICES	-	-	5,980	5,935	8,865
ESCROW	-	-	-	-	2,000
DEBT SERVICE	-	77,000	176,710	176,710	179,110
TOTAL	\$ -	\$ 77,000	\$ 183,190	\$ 183,145	\$ 190,475

DESCRIPTION

The Parker Creek Parallel Interceptor serves the City of Fate. The System consists fo 7,917 feet of gravity pipelines, which transport flow to the Sabine Creek WWTP for treatment.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

510 PARKER CREEK PARALLEL INTERCEPTOR

2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ -	\$ 77,000	\$ 183,190	\$ 183,045
Total	-	77,000	183,190	183,045
Interest Income	-	-	-	100
Total	<u>\$ -</u>	<u>\$ 77,000</u>	<u>\$ 183,190</u>	<u>\$ 183,145</u>
				<u>\$ 190,370</u>
				<u>190,370</u>
				<u>105</u>
				<u>\$ 190,475</u>

Expenditures:

Personnel:				
Salaries & Wages	-	-	-	-
Other	-	-	-	-
Total	-	-	-	-
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	-	-	500	500
Total	-	-	500	500
Services:				
Power	-	-	-	-
Other	-	-	5,980	5,935
Total	-	-	5,980	5,935
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	-	-	-	-
Equipment Replacement	-	-	-	-
Preventive Maintenance	-	-	-	2,000
Total	-	-	-	2,000
Capital Improvement Fund	-	-	-	-
Debt Service	-	77,000	176,710	176,710
Special Projects	-	-	-	-
Total	<u>\$ -</u>	<u>\$ 77,000</u>	<u>\$ 183,190</u>	<u>\$ 183,145</u>
				<u>\$ 190,475</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****601 SMALL WASTEWATER TREATMENT PLANTS**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES	\$ -	\$ -	\$ -	\$ -	\$ -
SERVICES	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
RECOVERIES	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

DESCRIPTION

This operation provides an allocation of expenses to the following Small Wastewater Treatment Plants: Wylie WWTP, South Rockwall WWTP, North Rockwall WWTP, Sabine Creek WWTP, Seis Lagos WWTP, Royse City WWTP, Farmersville WWTP and Lavon WWTP.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

601 SMALL WASTEWATER TREATMENT PLANTS

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Total	\$ -	\$ -	\$ -	\$ -	\$ -
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Expenditures:

Personnel:

Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-

Supplies:

Fuel	21,122	22,626	32,300	32,300	31,925
Chemicals	20	-	-	-	-
Other	(21,142)	(22,626)	(32,300)	(32,300)	(31,925)
Total	-	-	-	-	-

Services:

Power	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-

Capital Outlay

	\$ -	\$ -	\$ -	\$ -	\$ -
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Escrow:

Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	-

Capital Improvement Fund

	\$ -	\$ -	\$ -	\$ -	\$ -
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Debt Service

	\$ -	\$ -	\$ -	\$ -	\$ -
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Special Projects

	\$ -	\$ -	\$ -	\$ -	\$ -
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Total

	\$ -	\$ -	\$ -	\$ -	\$ -
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Revenues Over/(Under) Expenditures

	\$ -	\$ -	\$ -	\$ -	\$ -
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2017-2018 ANNUAL BUDGET**SEWER SYSTEM****EXPENDITURE SUMMARY****604 WASTEWATER PRETREATMENT PROGRAM**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 488,588	\$ 569,081	\$ 634,745	\$ 609,215	\$ 649,595
SUPPLIES	28,563	46,657	58,610	40,460	55,155
SERVICES	146,090	159,676	272,345	313,005	244,310
TOTAL	\$ 663,241	\$ 775,415	\$ 965,700	\$ 962,680	\$ 949,060

DESCRIPTION

The Wastewater Pretreatment Program currently provides pretreatment services for the Cities of Allen, Forney, Frisco, McKinney, Mesquite, Plano, Rockwall, Seagoville, Sunnyvale, Terrell, and Wylie as required by the EPA and TCEQ pretreatment regulations. The pretreatment regulations require industries to be permitted that discharge wastewater from specific categorical processes as defined in EPA regulations, significant quantity and/or loadings of process wastewater, and industries that contribute pollutants that may cause interference with the collection system or normal operation of the wastewater treatment plant. Required oversight and assessment of the industries includes annual detailed inspections, onsite visits as needed, quarterly sampling of wastewater, demand or surveillance sampling, and issuance and renewal of discharge permits.

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

604 WASTEWATER PRETREATMENT PROGRAM

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
420000-4001 - Allen	\$ 35,237	\$ 39,389	\$ 60,486	\$ 62,223	\$ 80,657
420000-4008 - Forney	22,255	24,877	35,283	41,482	40,328
420000-4009 - Frisco	13,909	12,439	15,121	14,641	13,443
420000-4014 - McKinney	124,257	145,118	183,978	191,548	192,680
420000-4015 - Mesquite	157,639	186,580	226,822	219,609	201,641
420000-4018 - Plano	24,109	26,950	35,283	31,721	29,126
420000-4021 - Rockwall	22,255	25,914	45,364	48,802	53,771
420000-4026 - Seagoville	33,382	37,316	45,364	43,922	40,328
420000-4028 - Sunnyvale	22,255	24,877	30,243	29,281	26,886
420000-4029 - Terrell	139,093	155,483	189,019	183,008	168,035
420000-4031 - Wylie	68,620	76,705	98,292	95,163	100,820
Total	\$ 663,011	\$ 755,648	\$ 965,255	\$ 961,400	\$ 947,715
User Months:					
Allen	38	38	48	51	72
Forney	24	24	28	34	36
Frisco	15	12	12	12	12
McKinney	134	140	146	157	172
Mesquite	170	180	180	180	180
Plano	26	26	28	26	26
Rockwall	24	25	36	40	48
Seagoville	36	36	36	36	36
Sunnyvale	24	24	24	24	24
Terrell	150	150	150	150	150
Wylie	74	74	78	78	90
Total	715	729	766	788	846

2017-2018 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

604 WASTEWATER PRETREATMENT PROGRAM

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
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Revenues:

Pretreatment	\$ 663,011	\$ 755,648	\$ 965,255	\$ 961,400	\$ 947,715
Other	158	19,191	-	-	-
Total	<u>663,169</u>	<u>774,839</u>	<u>965,255</u>	<u>961,400</u>	<u>947,715</u>
Interest Income	72	576	445	1,280	1,345
Total	<u><u>\$ 663,241</u></u>	<u><u>\$ 775,415</u></u>	<u><u>\$ 965,700</u></u>	<u><u>\$ 962,680</u></u>	<u><u>\$ 949,060</u></u>

Expenditures:

Personnel:					
Salaries & Wages	338,184	408,347	428,655	424,470	450,140
Other	150,404	160,734	206,090	184,745	199,455
Total	<u>488,588</u>	<u>569,081</u>	<u>634,745</u>	<u>609,215</u>	<u>649,595</u>
Supplies:					
Fuel	5,076	2,650	5,785	4,785	6,840
Chemicals	-	-	-	-	-
Other	23,487	44,007	52,825	35,675	48,315
Total	<u>28,563</u>	<u>46,657</u>	<u>58,610</u>	<u>40,460</u>	<u>55,155</u>
Services:					
Power	-	-	-	-	-
Other	146,090	159,676	272,345	313,005	244,310
Total	<u>146,090</u>	<u>159,676</u>	<u>272,345</u>	<u>313,005</u>	<u>244,310</u>
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u><u>\$ 663,241</u></u>	<u><u>\$ 775,415</u></u>	<u><u>\$ 965,700</u></u>	<u><u>\$ 962,680</u></u>	<u><u>\$ 949,060</u></u>
Revenues Over/(Under) Expenditures	<u><u>-</u></u>	<u><u>-</u></u>	<u><u>-</u></u>	<u><u>-</u></u>	<u><u>-</u></u>

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2017 - 2018 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

2017 - 2018 ANNUAL BUDGET

WASTEWATER SYSTEM

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2017-2018 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

EXPENDITURE COMPARISON

BY FUNCTION AND BY CHARACTER

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
BY FUNCTION					
5080 WILSON CREEK WWTP	\$ 15,257,060	\$ 17,643,016	\$ 17,773,995	\$ 17,840,380	\$ 18,158,095
5090 FLOYD BRANCH WWTP	1,558,849	1,822,250	1,731,610	1,747,760	1,767,100
5100 ROWLETT CREEK WWTP	5,368,638	6,789,329	7,126,510	6,897,465	7,709,535
5180 MESQUITE WWTP	7,784,818	9,777,214	9,578,805	9,493,315	10,296,590
5999 DEBT SERVICE	16,697,305	18,864,900	22,699,875	22,699,375	26,568,005
TOTAL	\$ 46,666,669	\$ 54,896,710	\$ 58,910,795	\$ 58,678,295	\$ 64,499,325
BY CHARACTER					
PERSONNEL	\$ 9,467,974	\$ 10,283,213	\$ 11,154,415	\$ 10,976,110	\$ 11,780,880
SUPPLIES	6,962,888	8,210,150	7,531,575	7,667,115	8,265,515
SERVICES	12,626,867	15,404,745	16,188,230	16,178,425	16,261,425
CAPITAL OUTLAY	910,885	2,133,701	1,081,700	1,134,270	1,623,500
ESCROW	100,000	100,000	-	-	-
CAPITAL IMPROVEMENT FUND	-	630,630	-	-	-
DEBT SERVICE	16,597,305	18,134,270	22,699,875	22,699,375	26,568,005
SPECIAL PROJECTS	751	-	255,000	23,000	-
TOTAL	\$ 46,666,669	\$ 54,896,710	\$ 58,910,795	\$ 58,678,295	\$ 64,499,325

DESCRIPTION

The Regional Wastewater System has been developed pursuant to Regional Wastewater System Contracts and all participants of the System share the costs of wastewater treatment on a uniform basis. The System is composed of four regional wastewater plants that currently serve all or part of the following Cities: Allen, Anna, Fairview, Forney, Frisco, Heath, Lucas, McKinney, Melissa, Mesquite, Plano, Parker, Princeton, Prosper, Richardson, Rockwall and Seagoville.

2017-2018 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

MEMBER CITY CHARGES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
<u>Member City Charges:</u>					
Allen	\$ 4,144,843	\$ 4,561,141	\$ 5,135,063	\$ 5,207,768	\$ 5,742,710
Forney	1,227,299	1,522,571	1,533,326	1,493,097	1,646,469
Frisco	1,718,346	2,025,456	2,122,516	2,425,614	2,674,772
Heath	589,467	811,786	751,263	807,955	890,948
McKinney	8,311,189	9,614,868	10,321,215	10,374,128	11,439,759
Mesquite	6,322,642	7,968,638	8,423,187	8,277,750	9,128,040
Plano	14,710,024	16,653,164	18,578,956	18,251,915	20,126,753
Princeton	360,924	442,887	494,602	488,134	538,274
Prosper	606,392	733,680	812,843	926,648	1,021,833
Richardson	4,763,972	5,688,739	6,269,321	5,917,567	6,525,420
Rockwall	966,922	1,083,525	1,176,726	1,066,797	1,176,378
Seagoville	848,529	913,097	1,118,292	1,185,927	1,245,474
Total	\$ 44,570,547	\$ 52,019,552	\$ 56,737,310	\$ 56,423,300	\$ 62,156,830
Cost per 1,000	\$ 1.44	\$ 1.54	\$ 1.89	\$ 2.01	\$ 2.11

Flows (1,000):

Allen	2,888,347	2,953,688	2,715,178	2,596,578	2,726,407
Forney	855,247	985,981	810,750	744,454	781,677
Frisco	1,197,435	1,311,638	1,122,286	1,209,404	1,269,874
Heath	410,772	525,694	397,232	402,844	422,986
McKinney	5,791,679	6,226,363	5,457,369	5,172,510	5,431,136
Mesquite	4,405,954	5,160,303	4,453,782	4,127,262	4,333,625
Plano	10,250,728	10,784,198	9,823,671	9,100,352	9,555,370
Princeton	251,511	286,803	261,522	243,382	255,551
Prosper	422,566	475,114	429,793	462,024	485,125
Richardson	3,319,789	3,683,894	3,314,920	2,950,482	3,098,006
Rockwall	673,803	701,665	622,197	531,902	558,497
Seagoville	591,300	591,300	591,300	591,300	591,300
Total	31,059,131	33,686,641	30,000,000	28,132,494	29,509,554

2017-2018 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

BUDGET SUMMARY

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
<u>Revenues:</u>					
Wastewater Sales:					
Members	\$ 44,570,547	\$ 52,019,552	\$ 56,737,310	\$ 56,423,300	\$ 62,156,830
Customers	1,662,027	2,237,238	1,688,970	1,561,130	1,721,500
Total	<u>46,232,574</u>	<u>54,256,789</u>	<u>58,426,280</u>	<u>57,984,430</u>	<u>63,878,330</u>
Other Charges:					
Other	430,570	615,427	464,800	662,290	580,470
Total	<u>430,570</u>	<u>615,427</u>	<u>464,800</u>	<u>662,290</u>	<u>580,470</u>
Interest Income	3,525	24,493	19,715	31,575	40,525
Total	<u>\$ 46,666,669</u>	<u>\$ 54,896,710</u>	<u>\$ 58,910,795</u>	<u>\$ 58,678,295</u>	<u>\$ 64,499,325</u>
<u>Expenditures:</u>					
Personnel:					
Salaries & Wages	6,190,664	6,966,529	7,447,735	7,336,370	8,081,040
Other	3,277,309	3,316,684	3,706,680	3,639,740	3,699,840
Total	<u>9,467,974</u>	<u>10,283,213</u>	<u>11,154,415</u>	<u>10,976,110</u>	<u>11,780,880</u>
Supplies:					
Fuel	619,982	435,262	500,495	390,495	593,690
Chemicals	4,692,375	4,852,383	4,868,495	4,614,135	4,886,285
Other	1,650,532	2,922,505	2,162,585	2,662,485	2,785,540
Total	<u>6,962,888</u>	<u>8,210,150</u>	<u>7,531,575</u>	<u>7,667,115</u>	<u>8,265,515</u>
Services:					
Power	3,254,943	2,788,573	3,108,000	2,775,795	2,960,000
Other	9,371,924	12,616,172	13,080,230	13,402,630	13,301,425
Total	<u>12,626,867</u>	<u>15,404,745</u>	<u>16,188,230</u>	<u>16,178,425</u>	<u>16,261,425</u>
Capital Outlay	910,885	2,133,701	1,081,700	1,134,270	1,623,500
Escrow - Rsv for Maint	100,000	100,000	-	-	-
Capital Improvement Fund	-	630,630	-	-	-
Debt Service	16,597,305	18,134,270	22,699,875	22,699,375	26,568,005
Special Projects	751	-	255,000	23,000	-
Total	<u>\$ 46,666,669</u>	<u>\$ 54,896,710</u>	<u>\$ 58,910,795</u>	<u>\$ 58,678,295</u>	<u>\$ 64,499,325</u>
Revenues Over / (Under) Expenditures	-	-	-	-	-
	-	-	-	-	-

2017-2018 ANNUAL BUDGET
REGIONAL WASTEWATER SYSTEM
EXPENDITURE SUMMARY

5080 WILSON CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 4,310,227	\$ 4,822,855	\$ 5,074,255	\$ 5,043,445	\$ 5,347,245
SUPPLIES	4,227,155	4,424,248	4,238,345	4,095,910	4,235,930
SERVICES	5,919,126	7,315,203	7,926,395	8,230,400	7,954,920
CAPITAL OUTLAY	800,551	1,080,710	520,000	470,625	620,000
SPECIAL PROJECTS	-	-	15,000	-	-
TOTAL	\$ 15,257,060	\$ 17,643,016	\$ 17,773,995	\$ 17,840,380	\$ 18,158,095

DESCRIPTION

The Wilson Creek WWTP is a 56 MGD plant that utilizes conventional activated sludge and Biological Nutrient Removal (BNR) treatment with advanced tertiary treatment. The plant is located at 3020 Orr Road in Allen and treats wastewater for the following cities: Allen, Frisco, McKinney, Plano, Princeton, Prosper, Anna, Lucas, Melissa and Parker. The plant discharges into Lake Lavon and operates under the following permit limits:

(All year) - 5 mg/L CBOD, 5 mg/L TSS, 2 mg/L NH3-N and 0.5 mg/L PO4.

2017-2018 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

DETAIL LISTING

5080 WILSON CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 2,814,495	\$ 3,221,826	\$ 3,318,740	\$ 3,353,095	\$ 3,672,670
Other	1,495,732	1,601,029	1,755,515	1,690,350	1,674,575
Total	4,310,227	4,822,855	5,074,255	5,043,445	5,347,245
Supplies:					
Fuel	387,936	263,523	317,345	227,345	370,915
Chemicals	2,884,283	2,720,836	2,825,245	2,562,045	2,535,075
Other	954,937	1,439,890	1,095,755	1,306,520	1,329,940
Total	4,227,155	4,424,248	4,238,345	4,095,910	4,235,930
Services:					
Power	1,473,399	1,176,750	1,350,000	1,205,690	1,270,000
Other	4,445,727	6,138,453	6,576,395	7,024,710	6,684,920
Total	5,919,126	7,315,203	7,926,395	8,230,400	7,954,920
Capital Outlay	800,551	1,080,710	520,000	470,625	620,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	15,000	-	-
Total	\$ 15,257,060	\$ 17,643,016	\$ 17,773,995	\$ 17,840,380	\$ 18,158,095

2017-2018 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

EXPENDITURE SUMMARY

5090 FLOYD BRANCH WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 549,627	\$ 606,457	\$ 700,470	\$ 691,695	\$ 762,215
SUPPLIES	135,604	208,571	182,730	191,345	247,640
SERVICES	867,390	892,277	728,910	771,800	757,245
CAPITAL OUTLAY	5,478	114,946	109,500	84,920	-
SPECIAL PROJECTS	751	-	10,000	8,000	-
TOTAL	\$ 1,558,849	\$ 1,822,250	\$ 1,731,610	\$ 1,747,760	\$ 1,767,100

DESCRIPTION

The Floyd Branch WWTP is a 4.75 MGD activated sludge and trickling filter plant with filtration. The plant is located at 111 W. Buckingham in Richardson and treats wastewater from the City of Richardson. The plant discharges into Floyd Branch, a tributary of White Rock Lake, and operates under the following permit limits:

(March - November) - 10 mg/L CBOD, 15 mg/L TSS and 2 mg/L NH3-N
 (December - February) - 10 mg/L CBOD, 15 mg/L TSS and 4 mg/L NH3-N
 (All year) - 0.041 mg/L Copper and 0.015 mg/L Lead

2017-2018 ANNUAL BUDGET
REGIONAL WASTEWATER SYSTEM
DETAIL LISTING
5090 FLOYD BRANCH WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 378,087	\$ 420,975	\$ 479,875	\$ 479,715	\$ 509,590
Other	171,540	185,482	220,595	211,980	252,625
Total	549,627	606,457	700,470	691,695	762,215
Supplies:					
Fuel	5,353	3,199	6,825	6,825	4,850
Chemicals	42,676	49,083	58,900	61,200	51,375
Other	87,574	156,289	117,005	123,320	191,415
Total	135,604	208,571	182,730	191,345	247,640
Services:					
Power	181,780	147,615	180,000	157,605	165,000
Other	685,609	744,662	548,910	614,195	592,245
Total	867,390	892,277	728,910	771,800	757,245
Capital Outlay	5,478	114,946	109,500	84,920	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	751	-	10,000	8,000	-
Total	\$ 1,558,849	\$ 1,822,250	\$ 1,731,610	\$ 1,747,760	\$ 1,767,100

2017-2018 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

EXPENDITURE SUMMARY

5100 ROWLETT CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 1,806,501	\$ 1,874,135	\$ 2,183,650	\$ 2,154,630	\$ 2,273,455
SUPPLIES	1,062,447	1,556,523	1,293,950	1,415,250	1,736,445
SERVICES	2,457,578	3,012,874	3,199,110	2,968,405	3,446,135
CAPITAL OUTLAY	42,111	345,797	234,800	344,180	253,500
SPECIAL PROJECTS	-	-	215,000	15,000	-
TOTAL	\$ 5,368,638	\$ 6,789,329	\$ 7,126,510	\$ 6,897,465	\$ 7,709,535

DESCRIPTION

The Rowlett Creek WWTP is a 24 MGD conventional activated sludge plant located at 1401 Los Rios Boulevard in Plano that treats wastewater for the cities of Plano and Richardson. The plant discharges into Rowlett Creek, a tributary of Lake Ray Hubbard, and operates under the following permit limits:

(April - November) - 5 mg/L CBOD, 5 mg/L TSS, 1.2 mg/L NH3-N and PO4 1.0 mg/L
 (December - February) - 7 mg/L CBOD, 12 mg/L TSS, 3 mg/L NH3-N and 1 mg/L PO4
 (March) - 7 mg/L CBOD, 12 mg/L TSS, 2 mg/L NH3-N and 1 mg/L PO4

2017-2018 ANNUAL BUDGET
REGIONAL WASTEWATER SYSTEM
DETAIL LISTING

5100 ROWLETT CREEK WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,163,666	\$ 1,257,636	\$ 1,454,210	\$ 1,429,515	\$ 1,555,270
Other	642,835	616,499	729,440	725,115	718,185
Total	1,806,501	1,874,135	2,183,650	2,154,630	2,273,455
Supplies:					
Fuel	95,838	74,450	100,350	80,350	101,385
Chemicals	702,692	936,399	822,190	828,730	1,145,695
Other	263,918	545,674	371,410	506,170	489,365
Total	1,062,447	1,556,523	1,293,950	1,415,250	1,736,445
Services:					
Power	657,820	651,936	650,000	656,400	690,000
Other	1,799,759	2,360,937	2,549,110	2,312,005	2,756,135
Total	2,457,578	3,012,874	3,199,110	2,968,405	3,446,135
Capital Outlay	42,111	345,797	234,800	344,180	253,500
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	215,000	15,000	-
Total	\$ 5,368,638	\$ 6,789,329	\$ 7,126,510	\$ 6,897,465	\$ 7,709,535

2017-2018 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

EXPENDITURE SUMMARY

5180 MESQUITE WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 2,801,619	\$ 2,979,766	\$ 3,196,040	\$ 3,086,340	\$ 3,397,965
SUPPLIES	1,537,682	2,020,808	1,816,550	1,964,610	2,045,500
SERVICES	3,382,773	4,184,391	4,333,815	4,207,820	4,103,125
CAPITAL OUTLAY	62,745	592,249	217,400	234,545	750,000
SPECIAL PROJECTS	-	-	15,000	-	-
TOTAL	\$ 7,784,818	\$ 9,777,214	\$ 9,578,805	\$ 9,493,315	\$ 10,296,590

DESCRIPTION

The Mesquite WWTP is a 33 MGD conventional activated sludge treatment plant located at 3500 Lawson Road in Mesquite that treats wastewater for Forney, Heath, Mesquite, Rockwall and Seagoville. The plant is currently being modified to treat a portion of the plant flow through Biological Nutrient Removal (BNR). Plant effluent is discharged into South Mesquite Creek then flows into the East Fork of the Trinity River. The plant operates under the following permit limits:

(All year) - 7 mg/L CBOD, 15 mg/L TSS and 3 mg/L NH3-N
 (All year) - 0.048 mg/L Copper

2017-2018 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

DETAIL LISTING

5180 MESQUITE WASTEWATER TREATMENT PLANT

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,834,416	\$ 2,066,093	\$ 2,194,910	\$ 2,074,045	\$ 2,343,510
Other	967,202	913,674	1,001,130	1,012,295	1,054,455
Total	2,801,619	2,979,766	3,196,040	3,086,340	3,397,965
Supplies:					
Fuel	130,854	94,090	75,975	75,975	116,540
Chemicals	1,062,724	1,146,066	1,162,160	1,162,160	1,154,140
Other	344,104	780,652	578,415	726,475	774,820
Total	1,537,682	2,020,808	1,816,550	1,964,610	2,045,500
Services:					
Power	941,944	812,272	928,000	756,100	835,000
Other	2,440,829	3,372,120	3,405,815	3,451,720	3,268,125
Total	3,382,773	4,184,391	4,333,815	4,207,820	4,103,125
Capital Outlay	62,745	592,249	217,400	234,545	750,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	15,000	-	-
Total	\$ 7,784,818	\$ 9,777,214	\$ 9,578,805	\$ 9,493,315	\$ 10,296,590

2017-2018 ANNUAL BUDGET**REGIONAL WASTEWATER SYSTEM****EXPENDITURE SUMMARY****5999 DEBT SERVICE**

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
ESCROW	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -
CAPITAL IMPROVEMENT FUND	-	630,630	-	-	-
DEBT SERVICE	<u>16,597,305</u>	<u>18,134,270</u>	<u>22,699,875</u>	<u>22,699,375</u>	<u>26,568,005</u>
TOTAL	<u>\$ 16,697,305</u>	<u>\$ 18,864,900</u>	<u>\$ 22,699,875</u>	<u>\$ 22,699,375</u>	<u>\$ 26,568,005</u>

DESCRIPTION

This function provides for the payment of principal and interest on the long-term debt and bond service fees for the Regional Wastewater System.

2017-2018 ANNUAL BUDGET
REGIONAL WASTEWATER SYSTEM
DETAIL LISTING
5999 DEBT SERVICE

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Escrow	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -
Capital Improvement Fund	-	630,630	-	-	-
Debt Service	16,597,305	18,134,270	22,699,875	22,699,375	26,568,005
Total	<u>\$ 16,697,305</u>	<u>\$ 18,864,900</u>	<u>\$ 22,699,875</u>	<u>\$ 22,699,375</u>	<u>\$ 26,568,005</u>

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REGIONAL SOLID WASTE SYSTEM

2017 - 2018 ANNUAL BUDGET

SOLID WASTE SYSTEM

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2017-2018 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
EXPENDITURE COMPARISON
BY FUNCTION AND BY CHARACTER

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
BY FUNCTION					
5511 LOOKOUT TRANSFER STATION	\$ 3,364,132	\$ 3,404,180	\$ 3,737,650	\$ 3,911,915	\$ 3,300,770
5512 PARKWAY TRANSFER STATION	2,071,764	2,059,092	2,354,305	2,537,910	2,790,655
5513 CUSTER TRANSFER STATION	3,285,873	3,501,519	3,252,205	3,608,195	4,127,625
5521 MAXWELL CREEK LANDFILL	22,636	28,276	42,145	49,695	41,905
5522 MCKINNEY LANDFILL	80,473	95,308	57,890	186,560	132,010
5523 121 RDF LANDFILL	11,393,406	13,527,530	13,660,600	13,063,585	13,339,610
5530 FLEET MAINTENANCE SHOP	1,699,712	1,784,819	2,110,900	2,233,775	2,277,255
5999 DEBT SERVICE	6,894,165	6,812,820	7,450,715	9,497,125	9,840,305
TOTAL	<u>\$ 28,812,161</u>	<u>\$ 31,213,546</u>	<u>\$ 32,666,410</u>	<u>\$ 35,088,760</u>	<u>\$ 35,850,135</u>

BY CHARACTER

PERSONNEL	\$ 9,266,113	\$ 9,875,230	\$ 9,930,335	\$ 10,607,680	\$ 10,760,760
SUPPLIES	3,797,405	3,667,086	3,793,005	3,274,445	4,222,740
SERVICES	5,003,995	6,502,719	5,592,500	7,304,095	6,259,730
CAPITAL OUTLAY	3,850,483	4,355,691	5,859,855	4,405,415	4,726,600
ESCROW	1,050,000	650,000	100,000	100,000	1,731,765
CAPITAL IMPROVEMENT FUND	1,622,000	980,000	1,200,000	3,779,500	1,360,000
DEBT SERVICE	4,222,165	5,182,820	6,150,715	5,617,625	6,748,540
SPECIAL PROJECTS	-	-	40,000	-	40,000
TOTAL	<u>\$ 28,812,161</u>	<u>\$ 31,213,546</u>	<u>\$ 32,666,410</u>	<u>\$ 35,088,760</u>	<u>\$ 35,850,135</u>

DESCRIPTION

The Regional Solid Waste System provides solid waste transfer and disposal services for the Cities of Allen, Frisco, McKinney, Plano and Richardson. These cities share the costs of the development and operations of transfer stations and regional disposal facilities on a uniform basis.

2017-2018 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

MEMBER CITY CHARGES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
<u>Member City Charges:</u>					
Allen	\$ 2,152,276	\$ 2,270,690	\$ 2,350,088	\$ 2,472,493	\$ 2,539,834
Frisco	3,625,201	3,846,652	4,680,439	4,342,065	4,646,915
McKinney	5,001,834	4,958,917	6,007,375	5,328,636	5,452,259
Plano	7,659,694	8,310,401	8,429,861	8,929,927	9,074,795
Richardson	3,696,921	3,926,383	4,078,527	4,093,694	4,142,527
Total	\$ 22,135,926	\$ 23,313,045	\$ 25,546,290	\$ 25,166,815	\$ 25,856,330
Cost per Ton	\$ 36.12	\$ 36.62	\$ 38.25	\$ 38.39	\$ 38.25
<u>Billing Tons:</u>					
Allen	59,591	62,009	61,447	64,408	66,408
Frisco	100,371	105,051	122,378	113,110	121,501
McKinney	138,488	135,425	157,073	138,810	142,558
Plano	212,070	226,949	220,413	232,623	237,275
Richardson	102,357	107,223	106,640	106,640	108,313
Total	612,877	636,657	667,951	655,591	676,055

2017-2018 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

BUDGET SUMMARY

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Revenues:					
Solid Waste Sales:					
Members	\$ 22,135,926	\$ 23,313,045	\$ 25,546,290	\$ 25,166,815	\$ 25,856,330
Customers	3,229,927	4,402,391	3,423,500	5,503,675	5,467,725
Total	<u>25,365,853</u>	<u>27,715,436</u>	<u>28,969,790</u>	<u>30,670,490</u>	<u>31,324,055</u>
Other Charges:					
Sludge Disposal	2,814,709	2,835,493	2,604,000	2,898,460	3,132,900
Composting	439,258	472,902	479,400	574,400	586,800
Other	191,095	181,312	605,170	929,500	787,750
Total	<u>3,445,062</u>	<u>3,489,706</u>	<u>3,688,570</u>	<u>4,402,360</u>	<u>4,507,450</u>
Interest Income	1,246	8,404	8,050	15,910	18,630
Total	<u><u>\$ 28,812,161</u></u>	<u><u>\$ 31,213,546</u></u>	<u><u>\$ 32,666,410</u></u>	<u><u>\$ 35,088,760</u></u>	<u><u>\$ 35,850,135</u></u>
 Expenditures:					
Personnel:					
Salaries & Wages	6,405,083	6,683,772	6,554,935	7,221,300	7,304,235
Other	2,861,030	3,191,457	3,375,400	3,386,380	3,456,525
Total	<u>9,266,113</u>	<u>9,875,230</u>	<u>9,930,335</u>	<u>10,607,680</u>	<u>10,760,760</u>
Supplies:					
Fuel	2,220,135	1,700,012	1,928,665	1,485,235	2,212,780
Chemicals	35,842	38,002	36,000	89,500	162,500
Other	1,541,428	1,929,073	1,828,340	1,699,710	1,847,460
Total	<u>3,797,405</u>	<u>3,667,086</u>	<u>3,793,005</u>	<u>3,274,445</u>	<u>4,222,740</u>
Services:					
Power	158,421	178,731	187,580	185,610	141,000
Other	4,845,574	6,323,988	5,404,920	7,118,485	6,118,730
Total	<u>5,003,995</u>	<u>6,502,719</u>	<u>5,592,500</u>	<u>7,304,095</u>	<u>6,259,730</u>
Capital Outlay	3,850,483	4,355,691	5,859,855	4,405,415	4,726,600
Escrow:					
Rsv for Maint	50,000	50,000	50,000	50,000	50,000
Equip Replacement	1,000,000	600,000	50,000	50,000	1,681,765
Total	<u>1,050,000</u>	<u>650,000</u>	<u>100,000</u>	<u>100,000</u>	<u>1,731,765</u>
Capital Improvement Fund	1,622,000	980,000	1,200,000	3,779,500	1,360,000
Debt Service	4,222,165	5,182,820	6,150,715	5,617,625	6,748,540
Special Projects	-	-	40,000	-	40,000
Total	<u><u>\$ 28,812,161</u></u>	<u><u>\$ 31,213,546</u></u>	<u><u>\$ 32,666,410</u></u>	<u><u>\$ 35,088,760</u></u>	<u><u>\$ 35,850,135</u></u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2017-2018 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

EXPENDITURE SUMMARY

5511 LOOKOUT TRANSFER STATION

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 1,754,529	\$ 1,843,755	\$ 1,739,480	\$ 1,857,770	\$ 1,842,010
SUPPLIES	747,964	593,344	654,785	632,885	644,665
SERVICES	515,015	551,643	518,385	635,100	485,595
CAPITAL OUTLAY	346,624	415,438	820,000	786,160	323,500
SPECIAL PROJECTS	-	-	5,000	-	5,000
TOTAL	\$ 3,364,132	\$ 3,404,180	\$ 3,737,650	\$ 3,911,915	\$ 3,300,770

DESCRIPTION

The Lookout Drive Transfer Station is located at 1601 E. Lookout Drive in Richardson. Member City collected residential and commercial waste is delivered to this transfer station and loaded onto tractor-trailers via a top load operation and transported to the 121 Regional Disposal Facility. During Fiscal Year 2016-17, the new top-load building became operational. The site is permitted to accept an average of 625 tons per day. Member City residents dispose of residential waste up to two times per month and a used motor oil and used oil filter drop off area allows residents to recycle these products.

2017-2018 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
DETAIL LISTING

5511 LOOKOUT TRANSFER STATION

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,248,161	\$ 1,256,061	\$ 1,197,105	\$ 1,305,155	\$ 1,299,970
Other	506,368	587,694	542,375	552,615	542,040
Total	1,754,529	1,843,755	1,739,480	1,857,770	1,842,010
Supplies:					
Fuel	472,431	328,988	350,845	291,820	389,790
Chemicals	8,250	9,750	9,000	9,000	10,000
Other	267,283	254,606	294,940	332,065	244,875
Total	747,964	593,344	654,785	632,885	644,665
Services:					
Power	19,526	23,777	20,000	20,000	30,000
Other	495,489	527,867	498,385	615,100	455,595
Total	515,015	551,643	518,385	635,100	485,595
Capital Outlay	346,624	415,438	820,000	786,160	323,500
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	5,000	-	5,000
Total	\$ 3,364,132	\$ 3,404,180	\$ 3,737,650	\$ 3,911,915	\$ 3,300,770

2017-2018 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

EXPENDITURE SUMMARY

5512 PARKWAY TRANSFER STATION

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 1,093,754	\$ 1,207,331	\$ 1,150,560	\$ 1,291,895	\$ 1,299,350
SUPPLIES	501,098	463,067	493,065	504,825	482,445
SERVICES	346,264	388,694	372,680	394,410	373,860
CAPITAL OUTLAY	130,649	-	333,000	346,780	630,000
SPECIAL PROJECTS	-	-	5,000	-	5,000
TOTAL	\$ 2,071,764	\$ 2,059,092	\$ 2,354,305	\$ 2,537,910	\$ 2,790,655

DESCRIPTION

The Parkway Transfer Station is located at 4030 W. Plano Parkway in Plano. Member City collected residential and commercial waste is delivered to this transfer station and loaded onto tractor-trailers via compactor units and transported to the 121 Regional Disposal Facility. The site is permitted to accept 770 tons of waste per day. Member City residents are allowed to dispose of residential waste up to two times per month and a used motor oil and used oil filter drop off area allows residents to recycle these products.

2017-2018 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
DETAIL LISTING

5512 PARKWAY TRANSFER STATION

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 784,241	\$ 858,189	\$ 801,195	\$ 949,210	\$ 939,420
Other	309,513	349,143	349,365	342,685	359,930
Total	<u>1,093,754</u>	<u>1,207,331</u>	<u>1,150,560</u>	<u>1,291,895</u>	<u>1,299,350</u>
Supplies:					
Fuel	314,923	244,565	280,185	236,060	298,710
Chemicals	8,298	8,379	9,000	10,750	12,000
Other	177,877	210,123	203,880	258,015	171,735
Total	<u>501,098</u>	<u>463,067</u>	<u>493,065</u>	<u>504,825</u>	<u>482,445</u>
Services:					
Power	20,672	18,518	21,000	19,000	19,000
Other	325,592	370,176	351,680	375,410	354,860
Total	<u>346,264</u>	<u>388,694</u>	<u>372,680</u>	<u>394,410</u>	<u>373,860</u>
Capital Outlay	130,649	-	333,000	346,780	630,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	5,000	-	5,000
Total	<u>\$ 2,071,764</u>	<u>\$ 2,059,092</u>	<u>\$ 2,354,305</u>	<u>\$ 2,537,910</u>	<u>\$ 2,790,655</u>

2017-2018 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
EXPENDITURE SUMMARY
5513 CUSTER TRANSFER STATION

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 2,000,232	\$ 2,108,582	\$ 1,957,840	\$ 2,265,115	\$ 2,279,210
SUPPLIES	723,316	663,629	683,380	653,310	810,295
SERVICES	483,545	729,309	523,485	606,990	509,620
CAPITAL OUTLAY	78,780	-	82,500	82,780	523,500
SPECIAL PROJECTS	-	-	5,000	-	5,000
TOTAL	\$ 3,285,873	\$ 3,501,519	\$ 3,252,205	\$ 3,608,195	\$ 4,127,625

DESCRIPTION

The Custer Road Transfer Station is located at 9901 Custer Road in Plano. Member City collected residential, commercial, and yard waste is delivered to this transfer station. Residential and commercial waste is loaded onto tractor-trailers via a top load operation and transported to the 121 Regional Disposal Facility. Yard waste is ground to reduce the volume, and transported to the 121 RDF Compost site for processing as compost. The site is permitted to accept up to 1,900 tons of waste per day. Three resident drop-off pits allow Member City residents to dispose of residential waste up to two times per month and a used motor oil and used oil filter drop off area allows residents to recycle these products.

2017-2018 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
DETAIL LISTING

5513 CUSTER TRANSFER STATION

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,418,586	\$ 1,481,361	\$ 1,341,550	\$ 1,604,795	\$ 1,532,450
Other	581,646	627,221	616,290	660,320	746,760
Total	<u>2,000,232</u>	<u>2,108,582</u>	<u>1,957,840</u>	<u>2,265,115</u>	<u>2,279,210</u>
Supplies:					
Fuel	425,675	338,539	381,605	290,525	443,465
Chemicals	8,250	9,000	9,000	10,750	12,000
Other	289,390	316,089	292,775	352,035	354,830
Total	<u>723,316</u>	<u>663,629</u>	<u>683,380</u>	<u>653,310</u>	<u>810,295</u>
Services:					
Power	32,602	26,249	34,000	27,000	27,000
Other	450,942	703,060	489,485	579,990	482,620
Total	<u>483,545</u>	<u>729,309</u>	<u>523,485</u>	<u>606,990</u>	<u>509,620</u>
Capital Outlay	78,780	-	82,500	82,780	523,500
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	5,000	-	5,000
Total	<u>\$ 3,285,873</u>	<u>\$ 3,501,519</u>	<u>\$ 3,252,205</u>	<u>\$ 3,608,195</u>	<u>\$ 4,127,625</u>

2017-2018 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
EXPENDITURE SUMMARY
5521 MAXWELL CREEK LANDFILL

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES SERVICES	\$ 353 22,283	\$ 130 28,146	\$ - 42,145	\$ - 49,695	\$ - 41,905
TOTAL	\$ 22,636	\$ 28,276	\$ 42,145	\$ 49,695	\$ 41,905

DESCRIPTION

The Maxwell Creek Landfill is closed and the 30-year post closure care period commenced on July 5, 2006.

2017-2018 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
DETAIL LISTING
5521 MAXWELL CREEK LANDFILL

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	- -	- -	- -	- -	- -
Total	- -	- -	- -	- -	- -
Supplies:					
Fuel	- -	- -	- -	- -	- -
Chemicals	- -	- -	- -	- -	- -
Other	353	130	- -	- -	- -
Total	353	130	- -	- -	- -
Services:					
Power	- -	- -	- -	- -	- -
Other	22,283	28,146	42,145	49,695	41,905
Total	22,283	28,146	42,145	49,695	41,905
Capital Outlay	- -	- -	- -	- -	- -
Escrow	- -	- -	- -	- -	- -
Debt Service	- -	- -	- -	- -	- -
Special Projects	- -	- -	- -	- -	- -
Total	<u>\$ 22,636</u>	<u>\$ 28,276</u>	<u>\$ 42,145</u>	<u>\$ 49,695</u>	<u>\$ 41,905</u>

2017-2018 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

EXPENDITURE SUMMARY

5522 MCKINNEY LANDFILL

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
SUPPLIES SERVICES	\$ 385 80,088	\$ 534 94,775	\$ - 57,890	\$ 35,360 151,200	\$ 1,200 130,810
TOTAL	\$ 80,473	\$ 95,308	\$ 57,890	\$ 186,560	\$ 132,010

DESCRIPTION

The McKinney Landfill is closed and the 30-year post-closure care period commenced June 18, 2014.

2017-2018 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

DETAIL LISTING

5522 MCKINNEY LANDFILL

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	385	534	-	35,360	1,200
Total	385	534	-	35,360	1,200
Services:					
Power	115	178	-	14,030	12,000
Other	79,973	94,596	57,890	137,170	118,810
Total	80,088	94,775	57,890	151,200	130,810
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 80,473</u>	<u>\$ 95,308</u>	<u>\$ 57,890</u>	<u>\$ 186,560</u>	<u>\$ 132,010</u>

2017-2018 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

EXPENDITURE SUMMARY

5523 121 REGIONAL DISPOSAL FACILITY

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 3,143,921	\$ 3,349,617	\$ 3,416,460	\$ 3,516,780	\$ 3,560,130
SUPPLIES	1,722,045	1,837,519	1,851,800	1,312,870	2,163,590
SERVICES	3,405,257	4,493,936	3,826,385	5,187,840	4,431,090
CAPITAL OUTLAY	3,122,183	3,846,459	4,540,955	3,046,095	3,159,800
SPECIAL PROJECTS	-	-	25,000	-	25,000
TOTAL	\$ 11,393,406	\$ 13,527,530	\$ 13,660,600	\$ 13,063,585	\$ 13,339,610

DESCRIPTION

The 121 Regional Disposal Facility is located at 3820 Sam Rayburn Highway in Melissa. The landfill accepts approximately 3,600 tons of waste per day from the three District transfer stations, wastewater treatment plant biosolids from District WWTPs, and Non-Member City waste from the surrounding area. Member City residents dispose of residential waste up to two times per month and a used motor oil and used oil filter drop off area allows residents to recycle these products. Composting activities performed by the City of Plano as contractor to the District also occur at the 121 RDF.

2017-2018 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

DETAIL LISTING

5523 121 REGIONAL DISPOSAL FACILITY

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 2,143,968	\$ 2,205,674	\$ 2,179,340	\$ 2,320,505	\$ 2,393,935
Other	999,953	1,143,943	1,237,120	1,196,275	1,166,195
Total	3,143,921	3,349,617	3,416,460	3,516,780	3,560,130
Supplies:					
Fuel	989,097	774,972	895,920	655,830	1,060,780
Chemicals	11,044	10,872	9,000	59,000	128,500
Other	721,904	1,051,674	946,880	598,040	974,310
Total	1,722,045	1,837,519	1,851,800	1,312,870	2,163,590
Services:					
Power	61,096	80,387	80,580	80,580	27,000
Other	3,344,161	4,413,549	3,745,805	5,107,260	4,404,090
Total	3,405,257	4,493,936	3,826,385	5,187,840	4,431,090
Capital Outlay	3,122,183	3,846,459	4,540,955	3,046,095	3,159,800
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	25,000	-	25,000
Total	\$ 11,393,406	\$ 13,527,530	\$ 13,660,600	\$ 13,063,585	\$ 13,339,610

2017-2018 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

EXPENDITURE SUMMARY

5530 FLEET MAINTENANCE SHOP

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 1,273,677	\$ 1,365,945	\$ 1,665,995	\$ 1,676,120	\$ 1,780,060
SUPPLIES	102,244	108,863	109,975	135,195	120,545
SERVICES	151,544	216,217	251,530	278,860	286,850
CAPITAL OUTLAY	172,247	93,794	83,400	143,600	89,800
TOTAL	\$ 1,699,712	\$ 1,784,819	\$ 2,110,900	\$ 2,233,775	\$ 2,277,255

DESCRIPTION

This department includes the Fleet Maintenance Shop located adjacent to the 121 Regional Disposal Facility and the Wylie Service Center located at the Wylie WTP. Staff at the Fleet Maintenance Shop perform repairs and preventive maintenance on all transfer station equipment as well as wastewater system sludge transport vehicles while staff at the Wylie Service Center perform preventative maintenance and minor repairs on District vehicles. Charges for services to the non-Solid Waste vehicles are credited to the Solid Waste System.

2017-2018 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
DETAIL LISTING

5530 FLEET MAINTENANCE SHOP

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ 810,126	\$ 882,488	\$ 1,035,745	\$ 1,041,635	\$ 1,138,460
Other	463,551	483,457	630,250	634,485	641,600
Total	1,273,677	1,365,945	1,665,995	1,676,120	1,780,060
Supplies:					
Fuel	18,008	12,947	20,110	11,000	20,035
Chemicals	-	-	-	-	-
Other	84,236	95,916	89,865	124,195	100,510
Total	102,244	108,863	109,975	135,195	120,545
Services:					
Power	24,409	29,623	32,000	25,000	26,000
Other	127,135	186,595	219,530	253,860	260,850
Total	151,544	216,217	251,530	278,860	286,850
Capital Outlay	172,247	93,794	83,400	143,600	89,800
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	\$ 1,699,712	\$ 1,784,819	\$ 2,110,900	\$ 2,233,775	\$ 2,277,255

2017-2018 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
EXPENDITURE SUMMARY

5999 DEBT SERVICE

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
ESCROW	\$ 1,050,000	\$ 650,000	\$ 100,000	\$ 100,000	\$ 1,731,765
CAPITAL IMPROVEMENT FUND	1,622,000	980,000	1,200,000	3,779,500	1,360,000
DEBT SERVICE	<u>4,222,165</u>	<u>5,182,820</u>	<u>6,150,715</u>	<u>5,617,625</u>	<u>6,748,540</u>
TOTAL	<u>\$ 6,894,165</u>	<u>\$ 6,812,820</u>	<u>\$ 7,450,715</u>	<u>\$ 9,497,125</u>	<u>\$ 9,840,305</u>

DESCRIPTION

This function provides for the payment of principal and interest on the long-term debt and bond service fees for the Regional Solid Waste System.

2017-2018 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
DETAIL LISTING

5999 DEBT SERVICE

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Services:					
Power	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Capital Outlay	-	-	-	-	-
Escrow:					
Rsv for Maint	50,000	50,000	50,000	50,000	50,000
Equip Replacement	1,000,000	600,000	50,000	50,000	1,681,765
	1,050,000	650,000	100,000	100,000	1,731,765
Capital Improvement Fund	1,622,000	980,000	1,200,000	3,779,500	1,360,000
Debt Service	4,222,165	5,182,820	6,150,715	5,617,625	6,748,540
Special Projects	-	-	-	-	-
Total	<u>\$ 6,894,165</u>	<u>\$ 6,812,820</u>	<u>\$ 7,450,715</u>	<u>\$ 9,497,125</u>	<u>\$ 9,840,305</u>

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2017 - 2018 ANNUAL BUDGET

UPPER EAST FORK INTERCEPTOR SYSTEM

2017 - 2018 ANNUAL BUDGET

UPPER EAST FORK INTERCEPTOR SYSTEM

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2017-2018 ANNUAL BUDGET

UPPER EAST FORK INTERCEPTOR SYSTEM

EXPENDITURE COMPARISON

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
PERSONNEL	\$ 858,983	\$ 1,514,646	\$ 1,671,220	\$ 1,623,230	\$ 1,889,535
SUPPLIES	1,870,239	2,404,507	2,774,215	2,730,955	2,763,660
SERVICES	4,658,529	4,883,945	6,729,810	5,854,500	6,026,175
CAPITAL OUTLAY	49,587	405,461	231,000	150,610	290,000
ESCROW	-	-	-	1,000,000	-
CAPITAL IMPROVEMENT FUND	500,000	2,593,620	-	-	200,000
SPECIAL PROJECTS	-	-	50,000	50,000	-
DEBT SERVICE	<u>13,744,050</u>	<u>13,015,945</u>	<u>17,550,610</u>	<u>17,549,560</u>	<u>22,904,560</u>
	<u>\$ 21,681,389</u>	<u>\$ 24,818,124</u>	<u>\$ 29,006,855</u>	<u>\$ 28,958,855</u>	<u>\$ 34,073,930</u>

DESCRIPTION

The Upper East Fork Interceptor System (UEFIS) transports wastewater to the Wilson Creek WWTP and/or the Rowlett Creek WWTP for treatment. The UEFIS serves all or part of the following cities: Allen, Anna, Fairview, Frisco, Lucas, McKinney, Melissa, Parker, Plano, Princeton, Prosper, and Richardson.

2017-2018 ANNUAL BUDGET

UPPER EAST FORK INTERCEPTOR SYSTEM

MEMBER CITY CHARGES

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
<u>Member City Charges:</u>					
Allen	\$ 2,558,988	\$ 2,786,032	\$ 3,392,516	\$ 3,415,803	\$ 3,915,567
Frisco	1,060,875	1,237,190	1,402,256	1,590,973	1,823,747
McKinney	5,131,204	5,872,944	6,818,784	6,804,446	7,800,001
Plano	9,081,765	10,172,072	12,274,320	11,971,529	13,723,076
Princeton	222,835	270,519	326,762	320,169	367,013
Prosper	470,513	500,929	663,559	698,630	762,711
Richardson	2,141,157	2,478,880	2,893,098	2,977,625	3,413,280
Total	\$ 20,667,336	\$ 23,318,567	\$ 27,771,295	\$ 27,779,175	\$ 31,805,395
Cost per 1,000	\$ 0.89	\$ 0.94	\$ 1.25	\$ 1.32	\$ 1.44

Flows (1,000):

Allen	2,888,347	2,953,688	2,715,178	2,596,578	2,726,407
Frisco	1,197,435	1,311,638	1,122,286	1,209,404	1,269,874
McKinney	5,791,679	6,226,363	5,457,369	5,172,510	5,431,136
Plano	10,250,728	10,784,198	9,823,671	9,100,352	9,555,370
Princeton	251,511	286,803	261,522	243,382	255,551
Prosper	531,075	531,075	531,075	531,075	531,075
Richardson	2,416,767	2,628,064	2,315,471	2,263,490	2,376,665
Total	23,327,542	24,721,829	22,226,572	21,116,791	22,146,078

2017-2018 ANNUAL BUDGET
UPPER EAST FORK INTERCEPTOR SYSTEM
BUDGET SUMMARY

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 AMENDED	2017-18 PROPOSED
Revenues:					
Wastewater Sales:					
Members	\$ 20,667,336	\$ 23,318,567	\$ 27,771,295	\$ 27,779,175	\$ 31,805,395
Customers	992,176	1,329,447	1,117,780	974,580	1,206,830
Total	21,659,512	24,648,014	28,889,075	28,753,755	33,012,225
Transfer from PM Escrow	-	-	-	-	845,450
Other	20,741	164,258	114,125	169,015	195,480
Interest Income	1,136	5,852	3,655	36,085	20,775
Total	<u>\$ 21,681,389</u>	<u>\$ 24,818,124</u>	<u>\$ 29,006,855</u>	<u>\$ 28,958,855</u>	<u>\$ 34,073,930</u>
Expenditures:					
Personnel:					
Salaries & Wages	540,312	982,771	1,191,585	1,137,035	1,271,060
Other	318,671	531,874	479,635	486,195	618,475
Total	858,983	1,514,646	1,671,220	1,623,230	1,889,535
Supplies:					
Fuel	25,133	37,171	45,675	45,675	43,080
Chemicals	1,559,923	1,837,137	2,246,850	2,134,600	2,153,310
Other	285,183	530,199	481,690	550,680	567,270
Total	1,870,239	2,404,507	2,774,215	2,730,955	2,763,660
Services:					
Power	1,552,481	1,463,178	1,500,000	1,311,000	1,375,000
Other	3,106,048	3,420,768	5,229,810	4,543,500	4,651,175
Total	4,658,529	4,883,945	6,729,810	5,854,500	6,026,175
Capital Outlay	49,587	405,461	231,000	150,610	290,000
Escrow:					
Preventative Maintenance	-	-	-	1,000,000	-
Rsv for Maintenance	-	-	-	-	-
Total	-	-	-	1,000,000	-
Capital Improvement Fund	500,000	2,593,620	-	-	200,000
Debt Service	13,744,050	13,015,945	17,550,610	17,549,560	22,904,560
Special Projects	-	-	50,000	50,000	-
Total	<u>\$ 21,681,389</u>	<u>\$ 24,818,124</u>	<u>\$ 29,006,855</u>	<u>\$ 28,958,855</u>	<u>\$ 34,073,930</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

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2017 - 2018 ANNUAL BUDGET

APPENDIX

2017 - 2018 ANNUAL BUDGET

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**2017 - 2018 ANNUAL BUDGET
DEBT SERVICE SCHEDULES**

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL WATER SYSTEM REVENUE BONDS

September 30, 2017

The bonds bear interest payable March 1 and September 1 of each year and mature on September 1 as follows:

Fiscal Year	Interest Rate of Maturing Bonds	September 1 Principal	March 1 Interest	September 1 Interest	BAB Subsidy	Total
2018	1.064-5.250	\$ 48,025,000.00	\$ 31,868,446.21	\$ 31,868,446.21	\$ (4,212,900.12)	\$ 107,548,992.30
2019	1.372-5.250	50,965,000.00	30,740,423.74	30,863,905.34	(4,163,790.82)	108,405,538.26
2020	1.642-5.250	53,150,000.00	29,647,938.34	29,647,938.34	(4,112,054.84)	108,333,821.84
2021	1.947-5.250	54,605,000.00	28,370,355.91	28,370,355.91	(4,056,482.92)	107,289,228.90
2022	2.131-5.250	54,000,000.00	27,042,224.12	27,042,224.12	(3,938,565.82)	104,145,882.42
2023	2.280-5.343	57,370,000.00	25,720,592.84	25,720,592.84	(3,812,751.88)	104,998,433.80
2024	2.351-6.003	60,005,000.00	24,305,747.46	24,305,747.46	(3,678,917.72)	104,937,577.20
2025	2.532-6.003	58,035,000.00	22,833,150.71	22,833,150.71	(3,529,169.66)	100,172,131.76
2026	2.463-6.003	60,740,000.00	21,404,255.74	21,404,255.74	(3,371,885.96)	100,176,625.52
2027	2.706-6.003	63,655,000.00	19,896,378.54	19,896,378.54	(3,200,340.26)	100,247,416.82
2028	3.018-6.003	63,975,000.00	18,493,306.10	18,493,306.10	(3,022,424.32)	97,939,187.88
2029	3.500-6.003	65,910,000.00	16,921,061.28	16,921,061.28	(2,837,838.50)	96,914,284.06
2030	3,000-6.123	68,130,000.00	15,268,476.20	15,268,476.20	(2,646,372.70)	96,020,579.70
2031	3.750-6.123	72,420,000.00	13,832,589.68	13,832,589.68	(2,439,339.62)	97,645,839.74
2032	3.500-6.123	75,955,000.00	12,116,385.63	12,116,385.63	(2,224,204.92)	97,963,566.34
2033	3.750-6.123	53,535,000.00	10,378,966.40	10,378,966.40	(2,000,650.84)	72,292,281.96
2034	3.750-6.123	56,020,000.00	9,015,189.68	9,015,189.68	(1,768,363.38)	72,282,015.98
2035	5,000-6.123	53,365,000.00	7,588,264.05	7,588,264.05	(1,527,024.82)	67,014,503.28
2036	5,000-6.123	38,880,000.00	6,190,753.45	6,190,753.45	(1,274,142.40)	49,987,364.50
2037	4,000-6.123	33,850,000.00	5,152,839.15	5,152,839.15	(1,011,177.40)	43,144,500.90
2038	4,000-6.123	35,420,000.00	4,263,167.83	4,263,167.83	(737,917.46)	43,208,418.20
2039	4,000-6.123	30,380,000.00	3,416,632.58	3,416,632.58	(453,832.78)	36,759,432.38
2040	4,000-6.010	24,725,000.00	2,665,477.00	2,665,477.00	(158,603.90)	29,897,350.10
2041	4.000	17,930,000.00	2,095,200.00	2,095,200.00	-	22,120,400.00
2042	4.000	18,705,000.00	1,736,600.00	1,736,600.00	-	22,178,200.00
2043	4.000	19,520,000.00	1,362,500.00	1,362,500.00	-	22,245,000.00
2044	4.000	20,365,000.00	972,100.00	972,100.00	-	22,309,200.00
2045	4.000	13,845,000.00	564,800.00	564,800.00	-	14,974,600.00
2046	4.000	14,395,000.00	287,900.00	287,900.00	-	14,970,800.00
		<u>\$ 1,337,875,000.00</u>	<u>\$ 394,151,722.64</u>	<u>\$ 394,275,204.24</u>	<u>\$ (60,178,753.04)</u>	<u>\$ 2,066,123,173.84</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL WATER SYSTEM UNITED STATES GOVERNMENT CONTRACTS PAYABLE - LAVON

September 30, 2017

Long term debt outstanding at September 30, 2017, pursuant to contracts with the United States Government covering Lavon Reservoir facilities, is payable December 1 and January 1 of each year in annual installments of \$1,594,320 to 2025 and of \$665,332 thereafter to 2027.

Fiscal Year	January 1			December 1		
	Principal	Interest	TOTAL	Principal	Interest	TOTAL
		at 3.225% per annum			at 3.225% per annum	
2018	\$ 484,383.90	\$ 180,948.40	\$ 665,332.30	\$ 720,660.95	\$ 208,327.10	\$ 928,988.05
2019	500,005.28	165,327.02	665,332.30	743,902.27	185,085.78	928,988.05
2020	516,130.45	149,201.85	665,332.30	767,893.12	161,094.93	928,988.05
2021	532,775.66	132,556.64	665,332.30	792,657.67	136,330.38	928,988.05
2022	549,957.67	115,374.63	665,332.30	818,220.88	110,767.17	928,988.05
2023	567,693.81	97,638.49	665,332.30	844,608.50	84,379.55	928,988.05
2024	586,001.93	79,330.37	665,332.30	871,847.13	57,140.92	928,988.05
2025	604,900.49	60,431.81	665,332.30	899,964.45	29,023.85	928,988.30
2026	624,408.54	40,923.76	665,332.30	-	-	-
2027	644,545.39	20,786.59	665,331.98	-	-	-
	<u>\$ 5,610,803.12</u>	<u>\$ 1,042,519.56</u>	<u>\$ 6,653,322.68</u>	<u>\$ 6,459,754.97</u>	<u>\$ 972,149.68</u>	<u>\$ 7,431,904.65</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL WATER SYSTEM UNITED STATES GOVERNMENT CONTRACTS PAYABLE - CHAPMAN

September 30, 2017

Long term debt outstanding at September 30, 2017, pursuant to contracts with the United States Government covering Chapman Lake Reservoir facilities is payable June 11 and November 27 of each year in annual installments of \$864,280 through 2050. A final payment of \$725,310 is due in 2051.

Fiscal Year	June 11			November 27		
	Principal	Interest at 3.253% per annum	TOTAL	Principal	Interest at 3.253% per annum	TOTAL
2018	\$ 49,892.53	\$ 89,077.54	\$ 138,970.07	\$ 244,248.93	\$ 481,061.22	\$ 725,310.15
2019	51,515.54	87,454.54	138,970.08	252,194.35	473,115.80	725,310.15
2020	53,191.34	85,778.74	138,970.08	260,398.23	464,911.92	725,310.15
2021	54,921.65	84,048.42	138,970.07	268,868.99	456,441.17	725,310.16
2022	56,708.25	82,261.82	138,970.07	277,615.30	447,694.86	725,310.16
2023	58,552.97	80,417.10	138,970.07	286,646.12	438,664.03	725,310.15
2024	60,457.70	78,512.37	138,970.07	295,970.72	429,339.44	725,310.16
2025	62,424.39	76,545.68	138,970.07	305,598.65	419,711.51	725,310.16
2026	64,455.06	74,515.02	138,970.08	315,539.77	409,770.38	725,310.15
2027	66,551.78	72,418.29	138,970.07	325,804.28	399,505.88	725,310.16
2028	68,716.71	70,253.37	138,970.08	336,402.69	388,907.46	725,310.15
2029	70,952.06	68,018.01	138,970.07	347,345.87	377,964.28	725,310.15
2030	73,260.13	65,709.94	138,970.07	358,645.04	366,665.12	725,310.16
2031	75,643.29	63,326.79	138,970.08	370,311.76	354,998.40	725,310.16
2032	78,103.96	60,866.11	138,970.07	382,358.00	342,952.16	725,310.16
2033	80,644.69	58,325.39	138,970.08	394,796.11	330,514.05	725,310.16
2034	83,268.06	55,702.02	138,970.08	407,638.82	317,671.33	725,310.15
2035	85,976.77	52,993.31	138,970.08	420,899.31	304,410.84	725,310.15
2036	88,773.59	50,196.48	138,970.07	434,591.17	290,718.99	725,310.16
2037	91,661.40	47,308.68	138,970.08	448,728.42	276,581.74	725,310.16
2038	94,643.14	44,326.93	138,970.07	463,325.56	261,984.60	725,310.16
2039	97,721.88	41,248.19	138,970.07	478,397.54	246,912.62	725,310.16
2040	100,900.78	38,069.30	138,970.08	493,959.81	231,350.35	725,310.16
2041	104,183.08	34,787.00	138,970.08	510,028.32	215,281.84	725,310.16
2042	107,572.15	31,397.92	138,970.07	526,619.54	198,690.62	725,310.16
2043	111,071.48	27,898.60	138,970.08	543,750.47	181,559.68	725,310.15
2044	114,684.63	24,285.44	138,970.07	561,438.68	163,871.48	725,310.16
2045	118,415.32	20,554.75	138,970.07	579,702.28	145,607.88	725,310.16
2046	122,267.37	16,702.70	138,970.07	598,559.99	126,750.16	725,310.15
2047	126,244.73	12,725.35	138,970.08	618,031.15	107,279.01	725,310.16
2048	130,351.47	8,618.60	138,970.07	638,135.70	87,174.45	725,310.15
2049	134,591.80	4,378.27	138,970.07	658,894.26	66,415.90	725,310.16
2050	-	-	-	680,328.09	44,982.07	725,310.16
2051	-	-	-	702,459.16	22,851.00	725,310.16
	\$ 2,738,319.70	\$ 1,708,722.67	\$ 4,447,042.37	\$ 14,788,233.08	\$ 9,872,312.24	\$ 24,660,545.32

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL WASTEWATER SYSTEM REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year. The bonds mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	2.000-5.000	\$ 13,410,000.00	\$ 6,086,145.63	\$ 6,086,145.63	\$ 25,582,291.26
2019	2.000-5.000	12,585,000.00	5,778,895.63	5,778,895.63	24,142,791.26
2020	2.000-5.000	13,130,000.00	5,493,495.63	5,493,495.63	24,116,991.26
2021	2.000-5.000	13,675,000.00	5,195,720.63	5,195,720.63	24,066,441.26
2022	2.000-5.000	14,260,000.00	4,884,461.25	4,884,461.25	24,028,922.50
2023	3.000-5.000	11,145,000.00	4,558,686.25	4,558,686.25	20,262,372.50
2024	3.000-5.000	11,635,000.00	4,305,743.75	4,305,743.75	20,246,487.50
2025	3.000-5.000	12,150,000.00	4,040,850.00	4,040,850.00	20,231,700.00
2026	3.000-5.000	12,695,000.00	3,762,309.38	3,762,309.38	20,219,618.76
2027	3.000-5.000	12,115,000.00	3,484,771.88	3,484,771.88	19,084,543.76
2028	3.000-5.000	12,670,000.00	3,216,515.63	3,216,515.63	19,103,031.26
2029	3.000-5.000	9,895,000.00	2,924,059.38	2,924,059.38	15,743,118.76
2030	3.125-5.000	7,565,000.00	2,700,312.50	2,700,312.50	12,965,625.00
2031	3.125-5.000	7,905,000.00	2,539,731.25	2,539,731.25	12,984,462.50
2032	3.250-5.000	7,250,000.00	2,375,212.50	2,375,212.50	12,000,425.00
2033	3.250-5.000	7,575,000.00	2,227,140.63	2,227,140.63	12,029,281.26
2034	3.500-5.000	6,135,000.00	2,072,450.00	2,072,450.00	10,279,900.00
2035	3.500-5.000	6,420,000.00	1,938,600.00	1,938,600.00	10,297,200.00
2036	4.000-4.500	6,725,000.00	1,798,587.50	1,798,587.50	10,322,175.00
2037	4.000-4.500	7,040,000.00	1,657,112.50	1,657,112.50	10,354,225.00
2038	4.000-4.500	7,365,000.00	1,508,987.50	1,508,987.50	10,382,975.00
2039	3.000-4.500	7,715,000.00	1,354,000.00	1,354,000.00	10,423,000.00
2040	3.000-5.000	8,080,000.00	1,202,825.00	1,202,825.00	10,485,650.00
2041	3.000-5.000	8,460,000.00	1,035,900.00	1,035,900.00	10,531,800.00
2042	3.000-5.000	8,860,000.00	861,025.00	861,025.00	10,582,050.00
2043	3.000-4.000	9,280,000.00	677,725.00	677,725.00	10,635,450.00
2044	3.000-4.000	9,715,000.00	505,250.00	505,250.00	10,725,500.00
2045	3.000-4.000	10,175,000.00	324,575.00	324,575.00	10,824,150.00
2046	3.000-4.000	7,500,000.00	135,250.00	135,250.00	7,770,500.00
		<u>\$ 283,130,000.00</u>	<u>\$ 78,646,339.42</u>	<u>\$ 78,646,339.42</u>	<u>\$ 440,422,678.84</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL SOLID WASTE SYSTEM REVENUE BONDS

September 30, 2017

The bonds bear interest payable March 1 and September 1 of each year and mature on September 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	September 1 Principal	March 1 Interest	September 1 Interest	Total
2018	4.000-5.000	\$ 3,730,000.00	\$ 1,023,684.38	\$ 1,023,684.38	\$ 5,777,368.76
2019	3.000-5.000	3,885,000.00	935,684.38	935,684.38	5,756,368.76
2020	3.740-5.000	3,970,000.00	859,496.88	859,496.88	5,688,993.76
2021	3.000-5.000	4,125,000.00	771,146.88	771,146.88	5,667,293.76
2022	3.000-5.000	4,280,000.00	685,921.88	685,921.88	5,651,843.76
2023	3.250-5.000	4,475,000.00	597,271.88	597,271.88	5,669,543.76
2024	5.000	2,730,000.00	501,803.13	501,803.13	3,733,606.26
2025	5.000	2,865,000.00	433,553.13	433,553.13	3,732,106.26
2026	5.000	3,010,000.00	361,928.13	361,928.13	3,733,856.26
2027	5.000	2,605,000.00	286,678.13	286,678.13	3,178,356.26
2028	3.000-5.000	2,720,000.00	221,553.13	221,553.13	3,163,106.26
2029	3.000-4.000	1,175,000.00	161,103.13	161,103.13	1,497,206.26
2030	3.000-3.250	1,220,000.00	141,553.13	141,553.13	1,503,106.26
2031	3.000-3.375	1,265,000.00	122,753.13	122,753.13	1,510,506.26
2032	3.125-3.500	1,315,000.00	103,000.00	103,000.00	1,521,000.00
2033	3.250-3.500	1,365,000.00	81,646.88	81,646.88	1,528,293.76
2034	3.375-3.625	1,420,000.00	58,909.38	58,909.38	1,537,818.76
2035	3.375-3.625	1,470,000.00	34,371.88	34,371.88	1,538,743.76
2036	3.625	495,000.00	8,971.88	8,971.88	512,943.76
		<u>\$ 48,120,000.00</u>	<u>\$ 7,391,031.34</u>	<u>\$ 7,391,031.34</u>	<u>\$ 62,902,062.68</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT
 DEBT AMORTIZATION SCHEDULE
 UPPER EAST FORK INTERCEPTOR SYSTEM REVENUE BONDS
 September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	3.500-6.250	\$ 11,365,000.00	\$ 4,304,561.89	\$ 4,304,561.89	\$ 19,974,123.78
2019	4.000-6.250	10,440,000.00	4,017,655.64	4,017,655.64	18,475,311.28
2020	5.000-6.250	10,895,000.00	3,759,536.89	3,759,536.89	18,414,073.78
2021	5.000-6.250	11,375,000.00	3,474,786.89	3,474,786.89	18,324,573.78
2022	5.000-6.250	11,875,000.00	3,177,349.39	3,177,349.39	18,229,698.78
2023	3.000-6.250	12,420,000.00	2,866,786.89	2,866,786.89	18,153,573.78
2024	4.000-5.500	13,010,000.00	2,590,236.89	2,590,236.89	18,190,473.78
2025	4.000-5.500	12,420,000.00	2,290,280.64	2,290,280.64	17,000,561.28
2026	3.000-5.000	11,725,000.00	1,998,093.14	1,998,093.14	15,721,186.28
2027	3.000-5.000	12,320,000.00	1,742,280.64	1,742,280.64	15,804,561.28
2028	3.000-5.000	12,925,000.00	1,469,793.14	1,469,793.14	15,864,586.28
2029	3.000-5.000	11,260,000.00	1,195,380.64	1,195,380.64	13,650,761.28
2030	3.000-5.000	7,450,000.00	958,574.39	958,574.39	9,367,148.78
2031	3.125-5.000	7,760,000.00	817,430.64	817,430.64	9,394,861.28
2032	3.125-5.000	8,120,000.00	661,643.14	661,643.14	9,443,286.28
2033	3.250-5.000	5,080,000.00	520,086.88	520,086.88	6,120,173.76
2034	3.250-5.000	5,330,000.00	431,105.63	431,105.63	6,192,211.26
2035	3.300-5.000	5,585,000.00	336,527.50	336,527.50	6,258,055.00
2036	3.500-5.000	3,615,000.00	228,325.00	228,325.00	4,071,650.00
2037	4.000	860,000.00	158,875.00	158,875.00	1,177,750.00
2038	3.000	890,000.00	141,675.00	141,675.00	1,173,350.00
2039	3.000	930,000.00	128,325.00	128,325.00	1,186,650.00
2040	3.000	965,000.00	114,375.00	114,375.00	1,193,750.00
2041	3.000	1,005,000.00	99,900.00	99,900.00	1,204,800.00
2042	3.000	1,045,000.00	84,825.00	84,825.00	1,214,650.00
2043	3.000	1,085,000.00	69,150.00	69,150.00	1,223,300.00
2044	3.000	1,130,000.00	52,875.00	52,875.00	1,235,750.00
2045	3.000	1,175,000.00	35,925.00	35,925.00	1,246,850.00
2046	3.000	1,220,000.00	18,300.00	18,300.00	1,256,600.00
		<u>\$ 195,275,000.00</u>	<u>\$ 37,744,660.86</u>	<u>\$ 37,744,660.86</u>	<u>\$ 270,764,321.72</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

BUFFALO CREEK INTERCEPTOR REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	4.000-4.450	\$ 1,060,000.00	\$ 211,816.25	\$ 211,816.25	\$ 1,483,632.50
2019	4.500	1,110,000.00	190,278.75	190,278.75	1,490,557.50
2020	4.600-5.000	1,170,000.00	165,303.75	165,303.75	1,500,607.50
2021	4.600-5.000	1,235,000.00	136,383.75	136,383.75	1,507,767.50
2022	4.750-5.000	1,310,000.00	105,848.75	105,848.75	1,521,697.50
2023	4.750-5.000	1,385,000.00	73,323.75	73,323.75	1,531,647.50
2024	3.000-4.750	1,450,000.00	38,936.25	38,936.25	1,527,872.50
2025	4.800	205,000.00	15,480.00	15,480.00	235,960.00
2026	4.800	215,000.00	10,560.00	10,560.00	236,120.00
2027	4.800	225,000.00	5,400.00	5,400.00	235,800.00
		<u>\$ 9,365,000.00</u>	<u>\$ 953,331.25</u>	<u>\$ 953,331.25</u>	<u>\$ 11,271,662.50</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

LITTLE ELM WATER TRANSMISSION FACILITIES REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	1.500	\$ 350,000.00	\$ 21,575.00	\$ 21,575.00	\$ 393,150.00
2019	2.000	355,000.00	18,950.00	18,950.00	392,900.00
2020	2.000	365,000.00	15,400.00	15,400.00	395,800.00
2021	2.000	380,000.00	11,750.00	11,750.00	403,500.00
2022	2.000	390,000.00	7,950.00	7,950.00	405,900.00
2023	2.000	405,000.00	4,050.00	4,050.00	413,100.00
		<u>\$ 2,245,000.00</u>	<u>\$ 79,675.00</u>	<u>\$ 79,675.00</u>	<u>\$ 2,404,350.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT
 DEBT AMORTIZATION SCHEDULE
 LOWER EAST FORK INTERCEPTOR REVENUE BONDS

September 30, 2017

The bonds bear interest payable June 1 and December 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	4.000	\$ 925,000.00	\$ 203,325.00	\$ 203,325.00	\$ 1,331,650.00
2019	5.000	945,000.00	184,825.00	184,825.00	1,314,650.00
2020	5.000	985,000.00	161,200.00	161,200.00	1,307,400.00
2021	5.000	1,030,000.00	136,575.00	136,575.00	1,303,150.00
2022	5.000	1,080,000.00	110,825.00	110,825.00	1,301,650.00
2023	4.000	1,125,000.00	83,825.00	83,825.00	1,292,650.00
2024	4.000	1,180,000.00	61,325.00	61,325.00	1,302,650.00
2025	3.000	1,230,000.00	37,725.00	37,725.00	1,305,450.00
2026	3.000	1,285,000.00	19,275.00	19,275.00	1,323,550.00
		<u>\$ 9,785,000.00</u>	<u>\$ 998,900.00</u>	<u>\$ 998,900.00</u>	<u>\$ 11,782,800.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

MUDDY CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	2.000-4.000	\$ 1,440,000.00	\$ 212,425.00	\$ 212,425.00	\$ 1,864,850.00
2019	3.000-4.000	1,490,000.00	188,725.00	188,725.00	1,867,450.00
2020	3.000-4.000	1,540,000.00	161,525.00	161,525.00	1,863,050.00
2021	3.000-4.000	1,595,000.00	133,375.00	133,375.00	1,861,750.00
2022	3.000-5.000	1,650,000.00	104,200.00	104,200.00	1,858,400.00
2023	3.000-5.000	1,725,000.00	68,500.00	68,500.00	1,862,000.00
2024	3.000	595,000.00	31,125.00	31,125.00	657,250.00
2025	3.000	620,000.00	22,200.00	22,200.00	664,400.00
2026	4.000	645,000.00	12,900.00	12,900.00	670,800.00
		<u>\$ 11,300,000.00</u>	<u>\$ 934,975.00</u>	<u>\$ 934,975.00</u>	<u>\$ 13,169,950.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT
 DEBT AMORTIZATION SCHEDULE
 MUDDY CREEK INTERCEPTOR SYSTEM REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	3.000	\$ 200,000.00	\$ 24,750.00	\$ 24,750.00	\$ 249,500.00
2019	3.000	210,000.00	21,750.00	21,750.00	253,500.00
2020	3.000	215,000.00	18,600.00	18,600.00	252,200.00
2021	4.000	225,000.00	15,375.00	15,375.00	255,750.00
2022	3.000	235,000.00	10,875.00	10,875.00	256,750.00
2023	3.000	240,000.00	7,350.00	7,350.00	254,700.00
2024	3.000	250,000.00	3,750.00	3,750.00	257,500.00
		<u>\$ 1,575,000.00</u>	<u>\$ 102,450.00</u>	<u>\$ 102,450.00</u>	<u>\$ 1,779,900.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

MUSTANG CREEK INTERCEPTOR REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	6.000	\$ 200,000.00	\$ 179,784.38	\$ 179,784.38	\$ 559,568.76
2019	6.000	210,000.00	173,784.38	173,784.38	557,568.76
2020	5.000	225,000.00	167,484.38	167,484.38	559,968.76
2021	3.000	235,000.00	161,859.38	161,859.38	558,718.76
2022	3.000	245,000.00	158,334.38	158,334.38	561,668.76
2023	5.125	260,000.00	154,659.38	154,659.38	569,318.76
2024	5.125	270,000.00	147,996.88	147,996.88	565,993.76
2025	5.125	285,000.00	141,078.13	141,078.13	567,156.26
2026	5.125	300,000.00	133,775.00	133,775.00	567,550.00
2027	3.000	315,000.00	126,087.50	126,087.50	567,175.00
2028	3.000	330,000.00	121,362.50	121,362.50	572,725.00
2029	3.000	345,000.00	116,412.50	116,412.50	577,825.00
2030	3.000	365,000.00	111,237.50	111,237.50	587,475.00
2031	3.250	380,000.00	105,762.50	105,762.50	591,525.00
2032	3.250	400,000.00	99,587.50	99,587.50	599,175.00
2033	3.375	420,000.00	93,087.50	93,087.50	606,175.00
2034	3.375	440,000.00	86,000.00	86,000.00	612,000.00
2035	3.375	465,000.00	78,575.00	78,575.00	622,150.00
2036	3.500	485,000.00	70,728.13	70,728.13	626,456.26
2037	3.500	510,000.00	62,240.63	62,240.63	634,481.26
2038	3.500	535,000.00	53,315.63	53,315.63	641,631.26
2039	3.625	565,000.00	43,953.13	43,953.13	652,906.26
2040	3.625	590,000.00	33,712.50	33,712.50	657,425.00
2041	3.625	620,000.00	23,018.75	23,018.75	666,037.50
2042	3.625	650,000.00	11,781.25	11,781.25	673,562.50
		<u>\$ 9,645,000.00</u>	<u>\$ 2,655,618.81</u>	<u>\$ 2,655,618.81</u>	<u>\$ 14,956,237.62</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT
 DEBT AMORTIZATION SCHEDULE
 PANTHER CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	4.000	\$ 2,595,000.00	\$ 779,362.50	\$ 779,362.50	\$ 4,153,725.00
2019	4.000-5.000	2,695,000.00	727,462.50	727,462.50	4,149,925.00
2020	4.125-5.000	2,820,000.00	664,862.50	664,862.50	4,149,725.00
2021	4.500-5.000	2,945,000.00	598,693.75	598,693.75	4,142,387.50
2022	4.500-5.000	3,085,000.00	527,643.75	527,643.75	4,140,287.50
2023	4.750-5.000	3,230,000.00	453,218.75	453,218.75	4,136,437.50
2024	5.000	3,385,000.00	373,875.00	373,875.00	4,132,750.00
2025	5.000	3,550,000.00	289,250.00	289,250.00	4,128,500.00
2026	5.000	3,715,000.00	200,500.00	200,500.00	4,116,000.00
2027	5.000	1,365,000.00	107,625.00	107,625.00	1,580,250.00
2028	5.000	1,435,000.00	73,500.00	73,500.00	1,582,000.00
2029	5.000	1,505,000.00	37,625.00	37,625.00	1,580,250.00
		<u>\$ 32,325,000.00</u>	<u>\$ 4,833,618.75</u>	<u>\$ 4,833,618.75</u>	<u>\$ 41,992,237.50</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

PARKER CREEK INTERCEPTOR REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	4.900	\$ 165,000.00	\$ 28,386.25	\$ 28,386.25	\$ 221,772.50
2019	5.125	170,000.00	24,343.75	24,343.75	218,687.50
2020	5.125	180,000.00	19,987.50	19,987.50	219,975.00
2021	5.125	190,000.00	15,375.00	15,375.00	220,750.00
2022	5.125	200,000.00	10,506.25	10,506.25	221,012.50
2023	5.125	210,000.00	5,381.25	5,381.25	220,762.50
		<u>\$ 1,115,000.00</u>	<u>\$ 103,980.00</u>	<u>\$ 103,980.00</u>	<u>\$ 1,322,960.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

PARKER CREEK PARALLEL INTERCEPTOR REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	2.000	\$ 105,000.00	\$ 35,978.13	\$ 35,978.13	\$ 176,956.26
2019	2.000	110,000.00	34,928.13	34,928.13	179,856.26
2020	2.000	115,000.00	33,828.13	33,828.13	182,656.26
2021	2.000	120,000.00	32,678.13	32,678.13	185,356.26
2022	2.000	120,000.00	31,478.13	31,478.13	182,956.26
2023	2.000	125,000.00	30,278.13	30,278.13	185,556.26
2024	2.000	135,000.00	29,028.13	29,028.13	193,056.26
2025	3.000	140,000.00	27,678.13	27,678.13	195,356.26
2026	3.000	145,000.00	25,578.13	25,578.13	196,156.26
2027	2.000	150,000.00	23,403.13	23,403.13	196,806.26
2028	2.125	155,000.00	21,903.13	21,903.13	198,806.26
2029	2.250	160,000.00	20,256.25	20,256.25	200,512.50
2030	2.375	170,000.00	18,456.25	18,456.25	206,912.50
2031	2.500	175,000.00	16,437.50	16,437.50	207,875.00
2032	2.500	180,000.00	14,250.00	14,250.00	208,500.00
2033	3.000	190,000.00	12,000.00	12,000.00	214,000.00
2034	3.000	195,000.00	9,150.00	9,150.00	213,300.00
2035	3.000	205,000.00	6,225.00	6,225.00	217,450.00
2036	3.000	210,000.00	3,150.00	3,150.00	216,300.00
		<u>\$ 2,905,000.00</u>	<u>\$ 426,684.43</u>	<u>\$ 426,684.43</u>	<u>\$ 3,758,368.86</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

PLANO WATER TRANSMISSION FACILITIES REVENUE BONDS

September 30, 2017

The bonds bear interest payable June 1 and December 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	3.500	\$ 215,000.00	\$ 3,762.50	\$ 3,762.50	\$ 222,525.00
		<u>\$ 215,000.00</u>	<u>\$ 3,762.50</u>	<u>\$ 3,762.50</u>	<u>\$ 222,525.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT
 DEBT AMORTIZATION SCHEDULE
 SOUTH ROCKWALL WASTEWATER TREATMENT PLANT
 (BUFFALO CREEK) REVENUE BONDS

September 30, 2017

The bonds bear interest payable June 1 and December 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	5.375	\$ 135,000.00	\$ 56,156.25	\$ 56,156.25	\$ 247,312.50
2019	5.375	145,000.00	52,528.13	52,528.13	250,056.26
2020	5.500	150,000.00	48,631.25	48,631.25	247,262.50
2021	5.500	160,000.00	44,506.25	44,506.25	249,012.50
2022	5.750	165,000.00	40,106.25	40,106.25	245,212.50
2023	5.750	175,000.00	35,362.50	35,362.50	245,725.00
2024	5.750	190,000.00	30,331.25	30,331.25	250,662.50
2025	5.750	200,000.00	24,868.75	24,868.75	249,737.50
2026	5.750	210,000.00	19,118.75	19,118.75	248,237.50
2027	5.750	220,000.00	13,081.25	13,081.25	246,162.50
2028	5.750	235,000.00	6,756.25	6,756.25	248,512.50
		<u>\$ 1,985,000.00</u>	<u>\$ 371,446.88</u>	<u>\$ 371,446.88</u>	<u>\$ 2,727,893.76</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

ROCKWALL WATER PUMP STATION FACILITIES REVENUE BONDS

September 30, 2017

The bonds bear interest payable June 1 and December 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	4.50	\$ 110,000.00	\$ 27,760.00	\$ 27,760.00	\$ 165,520.00
2019	4.50	115,000.00	25,285.00	25,285.00	165,570.00
2020	4.50	125,000.00	22,697.50	22,697.50	170,395.00
2021	4.50	130,000.00	19,885.00	19,885.00	169,770.00
2022	4.50	135,000.00	16,960.00	16,960.00	168,920.00
2023	4.50	140,000.00	13,922.50	13,922.50	167,845.00
2024	4.55	150,000.00	10,772.50	10,772.50	171,545.00
2025	4.60	155,000.00	7,360.00	7,360.00	169,720.00
2026	4.60	165,000.00	3,795.00	3,795.00	172,590.00
		<u>\$ 1,225,000.00</u>	<u>\$ 148,437.50</u>	<u>\$ 148,437.50</u>	<u>\$ 1,521,875.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT
 DEBT AMORTIZATION SCHEDULE
 ROCKWALL - HEATH WATER STORAGE FACILITIES REVENUE BONDS
 September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year. The bonds mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	3.900	\$ 160,000.00	\$ 31,511.25	\$ 31,511.25	\$ 223,022.50
2019	4.000	170,000.00	28,391.25	28,391.25	226,782.50
2020	4.000	180,000.00	24,991.25	24,991.25	229,982.50
2021	4.100	185,000.00	21,391.25	21,391.25	227,782.50
2022	4.100	195,000.00	17,598.75	17,598.75	230,197.50
2023	4.200	205,000.00	13,601.25	13,601.25	232,202.50
2024	4.200	215,000.00	9,296.25	9,296.25	233,592.50
2025	4.250	225,000.00	4,781.25	4,781.25	234,562.50
		<u>\$ 1,535,000.00</u>	<u>\$ 151,562.50</u>	<u>\$ 151,562.50</u>	<u>\$ 1,838,125.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

SABINE CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	2.000-4.000	\$ 1,005,000.00	\$ 228,087.50	\$ 228,087.50	\$ 1,461,175.00
2019	2.000-4.000	1,035,000.00	213,937.50	213,937.50	1,462,875.00
2020	3.000-4.000	1,060,000.00	199,337.50	199,337.50	1,458,675.00
2021	3.000-4.000	1,100,000.00	181,237.50	181,237.50	1,462,475.00
2022	3.000-4.000	1,130,000.00	162,437.50	162,437.50	1,454,875.00
2023	3.000-4.000	1,175,000.00	143,112.50	143,112.50	1,461,225.00
2024	4.000	515,000.00	123,012.50	123,012.50	761,025.00
2025	4.000	535,000.00	112,712.50	112,712.50	760,425.00
2026	3.500	560,000.00	102,012.50	102,012.50	764,025.00
2027	2.250	575,000.00	92,212.50	92,212.50	759,425.00
2028	2.375	590,000.00	85,743.75	85,743.75	761,487.50
2029	2.500	605,000.00	78,737.50	78,737.50	762,475.00
2030	3.000	620,000.00	71,175.00	71,175.00	762,350.00
2031	3.000	640,000.00	61,875.00	61,875.00	763,750.00
2032	3.000	655,000.00	52,275.00	52,275.00	759,550.00
2033	3.000	675,000.00	42,450.00	42,450.00	759,900.00
2034	3.000	695,000.00	32,325.00	32,325.00	759,650.00
2035	3.000	720,000.00	21,900.00	21,900.00	763,800.00
2036	3.000	740,000.00	11,100.00	11,100.00	762,200.00
		<u>\$ 14,630,000.00</u>	<u>\$ 2,015,681.25</u>	<u>\$ 2,015,681.25</u>	<u>\$ 18,661,362.50</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

SABINE CREEK INTERCEPTOR REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year and mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	4.900	\$ 130,000.00	\$ 22,916.25	\$ 22,916.25	\$ 175,832.50
2019	5.125	140,000.00	19,731.25	19,731.25	179,462.50
2020	5.125	145,000.00	16,143.75	16,143.75	177,287.50
2021	5.125	155,000.00	12,428.13	12,428.13	179,856.26
2022	5.125	160,000.00	8,456.25	8,456.25	176,912.50
2023	5.125	170,000.00	4,356.25	4,356.25	178,712.50
		<u>\$ 900,000.00</u>	<u>\$ 84,031.88</u>	<u>\$ 84,031.88</u>	<u>\$ 1,068,063.76</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT
 DEBT AMORTIZATION SCHEDULE
 STEWART CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS
 September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year. The bonds mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	1.580-5.000	\$ 2,800,000.00	\$ 1,225,845.25	\$ 1,225,845.25	\$ 5,251,690.50
2019	1.580-5.000	2,895,000.00	1,164,651.75	1,164,651.75	5,224,303.50
2020	2.000	2,470,000.00	1,101,168.75	1,101,168.75	4,672,337.50
2021	5.000	2,570,000.00	1,076,468.75	1,076,468.75	4,722,937.50
2022	5.000	2,670,000.00	1,012,218.75	1,012,218.75	4,694,437.50
2023	5.000	2,780,000.00	945,468.75	945,468.75	4,670,937.50
2024	5.000	2,890,000.00	875,968.75	875,968.75	4,641,937.50
2025	5.000	3,005,000.00	803,718.75	803,718.75	4,612,437.50
2026	3.000	3,125,000.00	728,593.75	728,593.75	4,582,187.50
2027	3.000	3,280,000.00	681,718.75	681,718.75	4,643,437.50
2028	5.000	3,445,000.00	632,518.75	632,518.75	4,710,037.50
2029	3.000	3,615,000.00	546,393.75	546,393.75	4,707,787.50
2030	4.000	3,800,000.00	492,168.75	492,168.75	4,784,337.50
2031	4.000	3,990,000.00	416,168.75	416,168.75	4,822,337.50
2032	3.375	4,190,000.00	336,368.75	336,368.75	4,862,737.50
2033	4.000	4,395,000.00	265,662.50	265,662.50	4,926,325.00
2034	3.500	4,615,000.00	177,762.50	177,762.50	4,970,525.00
2035	4.000	4,850,000.00	97,000.00	97,000.00	5,044,000.00
		<u>\$ 61,385,000.00</u>	<u>\$ 12,579,865.75</u>	<u>\$ 12,579,865.75</u>	<u>\$ 86,544,731.50</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

TERRELL WATER TRANSMISSION FACILITIES REVENUE BONDS

September 30, 2017

The bonds bear interest payable December 1 and June 1 of each year. The bonds mature on June 1 of each year as follows:

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2018	2.000	\$ 385,000.00	\$ 171,390.63	\$ 171,390.63	\$ 727,781.26
2019	4.000	395,000.00	167,540.63	167,540.63	730,081.26
2020	3.000	415,000.00	159,640.63	159,640.63	734,281.26
2021	3.000	425,000.00	153,415.63	153,415.63	731,831.26
2022	3.000	440,000.00	147,040.63	147,040.63	734,081.26
2023	3.750	455,000.00	140,440.63	140,440.63	735,881.26
2024	4.000	475,000.00	131,909.38	131,909.38	738,818.76
2025	4.000	495,000.00	122,409.38	122,409.38	739,818.76
2026	3.000	520,000.00	112,509.38	112,509.38	745,018.76
2027	3.000	535,000.00	104,709.38	104,709.38	744,418.76
2028	3.250	555,000.00	96,684.38	96,684.38	748,368.76
2029	3.250	575,000.00	87,665.63	87,665.63	750,331.26
2030	3.250	600,000.00	78,321.88	78,321.88	756,643.76
2031	3.375	620,000.00	68,571.88	68,571.88	757,143.76
2032	3.375	645,000.00	58,109.38	58,109.38	761,218.76
2033	3.500	670,000.00	47,225.00	47,225.00	764,450.00
2034	5.000	695,000.00	35,500.00	35,500.00	766,000.00
2035	5.000	725,000.00	18,125.00	18,125.00	761,250.00
		<u>\$ 9,625,000.00</u>	<u>\$ 1,901,209.45</u>	<u>\$ 1,901,209.45</u>	<u>\$ 13,427,418.90</u>

2017 - 2018 ANNUAL BUDGET

EMPLOYEE SCHEDULES

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
101 - REGIONAL WATER SYSTEM		
5310 - General		
Executive Director / General Manager	N/A	1
Deputy Director (Engineering & CIP)	N/A	1
Deputy Director (Finance & Personnel)	N/A	1
Deputy Director (Operations)	N/A	1
Deputy Director (Support Services) - Unfunded	N/A	1
Process Improvement Advisor	44	1
Special Projects Manager	40	1
Energy Program Manager	38	1
Executive Assistant	38	1
Executive Administrative Assistant	30	1
Senior Administrative Assistant	27	1
Total		<u>11</u>
5311 - Public Information		
Public Relations & Communications Officer	41	1
Public Relations Coordinator	30	1
Public Relations Assistant	24	1
Total		<u>3</u>
5313 - Information Technology		
Chief Information Officer	47	1
Control Systems Manager	43	1
Information Technology Manager	42	1
Information Systems Manager	39	1
Control Systems Supervisor	32	1
Information Technology Supervisor	31	1
Control Systems Senior Technician	30	3
Graduate Engineer	30	1
Information Technology Senior Technician	29	1
GIS Coordinator	28	1
Information Systems Senior Technician	27	1
Control Systems Technician	25	1
Information Systems Technician	25	2
Information Technology Technician	23	2
Administrative Technician	22	1
Information Systems Assistant	22	5
Total		<u>24</u>
5320 - Administration		
Assistant Deputy Director (Finance & Personnel)	47	1
Accounting Manager	43	1
Finance Manager	43	1
Human Resources Manager	43	1
Assistant Accounting Manager	39	1
Assistant Finance Manager	38	1
Assistant Human Resources Manager	38	1
Financial Reporting Accountant	38	1
Records Manager	38	1

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
Debt and Investment Supervisor	35	1
Senior Project Accountant	32	1
Human Resources Trainer	31	1
Payroll Supervisor	31	1
Wellness and Benefits Administrator	31	1
Records Specialist	30	1
Financial Analyst	29	1
Senior Accountant	28	1
Accounts Payable Supervisor	27	1
Investment Coordinator	26	1
Budget Coordinator	25	1
HR Specialist	25	1
Records Technician	25	4
Staff Accountant	25	1
Accounts Receivable Specialist	24	1
Administrative Assistant	24	1
Accounting Technician	22	5
Human Resources Technician	22	4
Receptionist	18	2
Total		39

5330 - Plant Operations

Assistant Deputy Director (Water)	47	1
Water System Manager	44	1
Water Transmission System Manager	44	1
LBCR Lake Operation Manager	43	1
Asset Risk Manager	38	1
Assistant Water System Manager - Transmission	38	1
Assistant Water System Manager - Treatment	38	1
Water Resource Program & Public Education Manager	38	1
Watershed Manager	38	1
Professional Engineer	37	2
Professional Engineer - Special Projects & Water	37	1
Water Treatment Plant Manager - Wylie	35	1
Water Plant Supervisor III	34	1
Shift Supervisor	29	4
Chief Control Room Operator	28	4
Trainer / Lead Operator	28	1
Lead Water Plant Operator	27	4
Assistant to the Water Plant Supervisor	26	1
Lead Transmission System Operator	26	1
Water Plant Operator III	26	19
Water Plant Mechanic	25	2
Water Resource Assistant	24	1
Water Plant Operator II	23	25
Water Quality Technician	23	1
Administrative Technician	22	1
Transmission System Operator II	21	1
Maintenance Worker	20	1
Total		80

* Funding Begins 10/1/17

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
5333 - Tawakoni Raw Water Pump Station and WTP		
Water Plant Supervisor II	33	1
Lead Water Plant Operator	27	1
Water Plant Operator III	26	2
Water Plant Mechanic	25	1
Water Plant Operator II	23	<u>7</u>
Total		<u>12</u>
5334 - East Fork Raw Water Supply		
Wetlands Supervisor	29	1
Lead Operator	26	1
Maintenance Worker - Wetlands	20	<u>5</u>
Total		<u>7</u>
5335 - Bonham Water Treatment Plant		
Water Plant Supervisor I	29	1
Water Plant Operator III	26	1
Water Plant Mechanic	25	1
Water Plant Operator II	23	<u>8</u>
Total		<u>11</u>
5340 - Facilities Services		
Maintenance Officer	47	0.5
Maintenance Manager	44	0.5
Assistant Maintenance Manager	38	0.5
Maintenance Engineer / Asset Risk Manager	38	0.5
Electrical Maintenance Manager	36	0.5
Facilities Services Manager	35	1
Maintenance Services Superintendent Pipeline	29	1
Maintenance Services Superintendent Plant	29	1
Lead Line Locator	26	1
Maintenance Right - of - Way Supervisor	26	1
Maintenance Valve Crew Supervisor	26	1
Pipeline Crewleader	26	2
Line Locator	25	4
Custodial Crewleader	23	1
Heavy Equipment Operator	23	5
Painting / Carpentry Crewleader	23	1
Administrative Technician	22	1
Lead Maintenance Worker - Carpentry	21	1
Lead Maintenance Worker - Paint	21	1
Lead Maintenance Worker - Pipeline	21	6
Light Equipment Operator	21	1
Maintenance Worker - Paint / Carpentry	20	5
Maintenance Worker - Pipeline	20	18
Custodian	16	<u>6</u>
Total		<u>60.5</u>

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
5350 - Technical Services		
Maintenance Officer	47	0.5
Maintenance Manager	44	0.5
Assistant Maintenance Manager	38	0.5
Maintenance Engineer / Asset Risk Manager	38	0.5
Electrical Maintenance Manager	36	0.5
Technical Services Manager	36	1
Electrical Superintendent	32	1
Instrumentation Superintendent	32	1
Mechanical Superintendent	31	1
Ozone Superintendent	31	1
Assistant Electrical Superintendent	29	1
Assistant Instrumentation Superintendent	29	1
Physical Security Coordinator	29	1
Technical Services Coordinator	29	1
Assistant Mechanical Superintendent	28	1
Electrical Technician	28	1
Instrumentation Technician II	28	2
Ozone Supervisor	28	4
Electrician II	27	3
Instrumentation Technician	27	6
Ozone Instrumentation Technician	27	8
Electrician	26	9
Lead Technical Services Mechanic	26	6
Lead Welder	26	1
Ozone Electrician	26	8
Ozone Mechanic	25	4
Technical Services Crane Operator	25	2
Technical Services Mechanic	25	11
Welder	24	5
Administrative Technician	22	1
Maintenance Shop Assistant	20	7
Parts Worker	18	1
Total		91.5
5360 - Laboratory		
Laboratory Manager	38	1
Operations Manager	32	1
Laboratory QA / QC Officer	31	1
Section Chief / Section Supervisor	30	4
Chemist / Biologist	29	5
Deputy QA / QC Officer / Laboratory Safety Officer	29	1
Administrative Assistant / Senior Laboratory Technician	27	1
Senior Laboratory Technician	27	9
Senior Sample Control Technician	27	2
Sample Control Technician	20	2
Total		27

* Funding For 1 New Position Begins 10/1/17

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
5370 - Engineering		
Assistant Deputy Director (CIP)	47	1
Assistant Deputy Director (Engineering)	47	1
Engineering Manager	44	1
Reservoir Project Manager	44	1
Real Estate Manager	43	1
Construction Manager	38	1
Planning Program Manager	38	1
Solid Waste and Specialties Program Manager	38	1
Wastewater Program Manager	38	1
Water Conveyance Program Manager	38	1
Water Treatment Program Manager	38	1
Professional Engineer	37	21 *
Engineering Projects Coordinator	35	1
Registered Surveyor	35	1
Assistant Construction Manager	34	1
I&E Construction Supervisor	31	1
Graduate Engineer	30	2
Land Agent	30	2
Contracts Coordinator	28	1
Engineering Technician	28	6
Senior Construction Inspector	28	6 **
Construction Inspector II	27	9
Construction Inspector I	25	15 *
Administrative Technician	22	5 **
Total		82

* Funding For 2 New Positions Begins 10/1/17

** Funding For 1 New Position Begins 10/1/17

5380 - Environmental Services

Environmental Program Manager	38	0.6	f
Environmental Program Coordinator	32	0.4	g
LIMS Administrator	32	1	
Environmental Analyst	30	1	
Environmental Supervisor I	29	1	
Environmental Specialist II	28	1	
Quality System Technician	27	1	
Environmental Specialist I	25	1	
Environmental Technician II	23	3	
Administrative Technician	22	0.5	h
Total		10.5	

5381 - Permitting

Permit Manager	43	1
Environmental Manager	38	1
Permit Coordinator	31	1
Total		3

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
5382 - Regulatory Compliance		
Environmental Compliance Manager	38	1
Senior Environmental Health & Safety Specialist	31	1
Environmental Compliance Coordinator	29	1
Total		<u>3</u>
5390 - Safety		
Health & Safety Manager	43	1
Safety Coordinator (Water)	29	1
Safety Coordinator (Wastewater)	29	1
Safety Coordinator (SW & Maint)	29	1
Safety Coordinator (Training)	29	1
Total		<u>5</u>
Total Regional Water System		<u>469.5</u>

PRETREATMENT

604 - Wastewater Pretreatment Program				
Environmental Program Manager	38	0.4	f	
Environmental Program Coordinator	32	0.6	g	
Environmental Supervisor I	29	1		
Environmental Specialist II	28	1		
Environmental Specialist I	25	1		
Environmental Technician II	23	3		
Administrative Technician	22	0.5	h	
Total		<u>7.5</u>		
Total Pretreatment		<u>7.5</u>		

WASTEWATER

301 - REGIONAL WASTEWATER SYSTEM

5080 - Wilson Creek WWTP				
Assistant Deputy Director (Wastewater)	47	1		
Training and Development Manager	38	1		
Professional Engineer	37	1		
Wastewater Project Coordinator	35	1		
Wastewater Plant Supervisor III	34	1		
Chief Wastewater Plant Operator	28	2		
Lead Wastewater Plant Operator	27	6		
Lead Maintenance Technician	26	1		
Lead Transport Driver	26	1		
Wastewater Plant Operator III	26	8		
Wastewater Mechanic	25	1		
Wastewater Plant Operator II	23	16		
Information Systems Assistant	22	2		
Transport Driver	22	13		
Mechanic's Assistant	20	2		
Odor Control Worker	18	2		
Total		<u>59</u>		

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
5090 - Floyd Branch WWTP		
Wastewater Coordinator	32	1
Wastewater Plant Supervisor I	29	1
Lead Wastewater Plant Operator	27	1
Wastewater Plant Operator III	26	2
Wastewater Plant Operator II	23	3
Total		8
5100 - Rowlett Creek WWTP		
Asset Risk Manager	38	1
Wastewater Plant Supervisor II	33	1
Chief Wastewater Plant Operator	28	1
Lead Wastewater Plant Operator	27	3
Lead Dewatering Plant Operator	26	1
Lead Maintenance Technician	26	1
Wastewater Plant Operator III	26	6
Wastewater Mechanic	25	1
Wastewater Technician I	25	0.5
Wastewater Plant Operator II	23	4
Administrative Technician	22	1
Information Systems Assistant	22	1
Transport Driver	22	4
Mechanic's Assistant	20	1
Total		26.5
5180 - Mesquite WWTP		
Regional Wastewater System Manager	44	1
Assistant Wastewater System Manager	38	1
Wastewater Plant Supervisor III	34	1
Chief Wastewater Plant Operator	28	2
Lead Wastewater Plant Operator	27	4
Lead Maintenance Technician	26	1
Wastewater Plant Operator III	26	6
Wastewater Mechanic	25	1
Wastewater Plant Operator II	23	10
Information Systems Assistant	22	1
Transport Driver	22	5
Mechanic's Assistant	20	2
Total		35
* Funding For 1 New Position Begins 10/1/17		
Total Regional Wastewater System		<u>128.5</u>
307 - Panther Creek WWTP		
Sewer System Plants Manager	44	0.326
Wastewater Plant Supervisor II	33	1
Chief Wastewater Plant Operator	28	1
Wastewater Technician II	28	1
Lead Wastewater Plant Operator	27	2
Wastewater Plant Operator III	26	4
Wastewater Plant Operator II	23	8

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
Information Systems Assistant	22	0.5 ^k
Total		<u>17.826</u>

309 - Stewart Creek WWTP

Wastewater Plant Supervisor II	33	1
Chief Wastewater Plant Operator	28	1 [*]
Lead Wastewater Plant Operator	27	2 [*]
Wastewater Plant Operator III	26	4 ^{**}
Wastewater Mechanic	25	1
Wastewater Plant Operator II	23	8 [*]
Information Systems Assistant	22	1.5 ^{k*}
Total		<u>18.5</u>

* Funding For 1 New Position Begins 10/1/17

** Funding For 4 New Positions Begins 10/1/17

310 - Muddy Creek WWTP

Sewer System Plants Manager	44	0.178 ⁱ
Wastewater Plant Supervisor II	33	1
Chief Wastewater Plant Operator	28	1
Lead Wastewater Plant Operator	27	2
Wastewater Plant Operator III	26	4
Wastewater Plant Mechanic	25	1
Wastewater Technician I	25	1.2 ^j
Wastewater Plant Operator II	23	8
Information Systems Assistant	22	0.5 ^k
Total		<u>18.878</u>

501 - UPPER EAST FORK INTERCEPTOR SYSTEM

Wastewater Conveyance System Manager	44	1
CMOM Program Manager	38	1
Professional Engineer	37	1
Wastewater Conveyance Supervisor II	33	1
Chief Wastewater Conveyance Operator	28	1
Lead Wastewater Conveyance Operator	27	2
Wastewater Conveyance Operator III	26	1
Wastewater Technician I	25	0.3 ^j
Wastewater Conveyance Operator II	23	10
Information Systems Assistant	22	1
Total		<u>19.3</u>

601 - SMALL WWTPs *

Sewer System Plants Manager	44	0.496 ^{i,o}
Wastewater Plant Supervisor II	33	1 ^o
Chief Wastewater Plant Operator	28	1 ^o
Wastewater Plant Operator III	26	2 ^o
Wastewater Plant Operator II	23	4 ^o
Information Systems Assistant	22	0.5 ^{k,o}
Total		<u>8.996</u>

* Allocation based on manhours at each facility ^o

Total Wastewater 219.5

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
401 - REGIONAL SOLID WASTE SYSTEM		
5511 - Lookout Transfer Station		
Assistant Deputy Director (Solid Waste)	47	0.2
Solid Waste System Manager	44	0.25
Transfer Station Manager	38	0.34
Transfer Station Foreman	26	1
Administrative Technician	22	0.2
Transfer Station Equipment Operator	22	3
Transport Driver	22	10
Scale Operator	21	2
Total		16.99
5512 - Parkway Transfer Station		
Assistant Deputy Director (Solid Waste)	47	0.2
Solid Waste System Manager	44	0.25
Transfer Station Manager	38	0.33
Transfer Station Foreman	26	1
Administrative Technician	22	0.2
Transfer Station Equipment Operator	22	2
Transport Driver	22	7
Scale Operator	21	2
Total		12.98
5513 - Custer Transfer Station		
Assistant Deputy Director (Solid Waste)	47	0.2
Solid Waste System Manager	44	0.25
Transfer Station Manager	38	0.33
Transfer Station Foreman	26	1
Administrative Technician	22	0.2
Transfer Station Equipment Operator	22	4
Transport Driver	22	12
Scale Operator	21	2
Total		19.98
5523 - 121 Regional Disposal Facility		
Assistant Deputy Director (Solid Waste)	47	0.2
Solid Waste System Manager	44	0.25
Landfill Manager	38	1
Landfill Supervisor	31	1
Heavy Equipment Shop Foreman	28	1
Heavy Equipment Mechanic	26	3
Lead Heavy Equipment Operator	25	2
Heavy Equipment Operator	23	19
Administrative Technician	22	0.2
Landfill Scalehouse Coordinator	22	1
Tipper Operator	22	1
Scale Operator	21	2
Scale Operator - Part Time	21	1

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
Parts Worker	18	1
Landfill Spotter	17	1
Total		34.65

5530 - Fleet Maintenance Shop

Assistant Deputy Director (Solid Waste)	47	0.2	1
Fleet Manager	38	1	
Fleet Maintenance Shop Supervisor	32	1	
Fleet Maintenance Shop Foreman	28	2	
Lead Fleet Maintenance Equipment Mechanic	27	1	
Fleet Maintenance Equipment Mechanic	25	5	
Fleet Administrator	24	1	
Welder	24	1	
Administrative Technician	22	0.2	h
Fleet Maintenance Shop Assistant	20	5	
Parts Worker	18	2	
Total		19.4	

Total Regional Solid Waste System	<u>104</u>
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TOTAL ALL SYSTEMS	<u>793</u>
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2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	Fund / Function	Allocation
a. Maintenance Officer	101-5340 101-5350	50% 50%
b. Maintenance Manager	101-5340 101-5350	50% 50%
c. Assistant Maintenance Manager	101-5340 101-5350	50% 50%
d. Maintenance Engineer/Asset Risk Manager	101-5340 101-5350	50% 50%
e. Electrical Maintenance Manager	101-5340 101-5350	50% 50%
f. Environmental Program Manager	101-5380 604-5000	60% 40%
g. Environmental Program Coordinator	101-5380 604-5000	40% 60%
h. Administrative Technician (1)	101-5380 604-5000	50% 50%
Administrative Technician (1)	401-5511 401-5512 401-5513 401-5523 401-5530	20% 20% 20% 20% 20%
i. Sewer System Plants Manager	307-5000 310-5000 601-5000	32.6% 17.8% 49.6%
j. Wastewater Technician I	301-5100 310-5000 501-5000	50% 20% 30%
k. Information Systems Assistant (1)	307-5000 309-5000	50% 50%
Information Systems Assistant (1)	310-5000 601-5000	50% 50%

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	Fund / Function	Allocation
I. Assistant Deputy Director - Solid Waste		
	401-5511	20%
	401-5512	20%
	401-5513	20%
	401-5523	20%
	401-5530	20%
m. Solid Waste System Manager		
	401-5511	25%
	401-5512	25%
	401-5513	25%
	401-5523	25%
n. Transfer Station Manager		
	401-5511	34%
	401-5512	33%
	401-5513	33%
o. 601 - Small WWTPs Allocations		
Wylie WWTP	304-5000	1.0%
South Rockwall WWTP (Buffalo Creek)	305-5000	25.5%
North Rockwall WWTP (Squabble Creek)	306-5000	14.7%
Sabine Creek WWTP	308-5000	25.5%
Seis Lagos WWTP	311-5000	7.8%
Royse City WWTP	312-5000	1.0%
Farmersville WWTP	313-5000	14.7%
Lavon WWTP	317-5000	9.8%

2017-2018 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY SYSTEM & CUSTOMERS SERVED

	# FTEs	Customers Served
101 - REGIONAL WATER SYSTEM		
Allocated	340.5	
Non-Allocated	<u>129</u>	
	469.5	
		Allen, Farmersville, Forney, Frisco, Garland, McKinney, Mesquite, Plano, Princeton, Richardson, Rockwall, Royse City, Wylie, Able Springs WSC, Anna, Bear Creek SUD, BHP WSC, Bonham, Caddo Basin SUD, Cash SUD, College Mound SUD, Copeville SUD, Crandall, East Fork SUD, Fairview, Fate, Forney Lake WSC, Gastonia-Scurry SUD, GTUA, Heath, Josephine, Kaufman, Lavon, Little Elm, Lucas, Melissa, Milligan WSC, Mt. Zion WSC, Murphy, Nevada SUD, N.Collin SUD, Parker, Prosper, Rose Hill SUD, Rowlett, Sachse, Seagoville, Seis Lagos, Sunnyvale, Terrell, Wylie NE SUD
301 - REGIONAL WASTEWATER SYSTEM		
Allocated	2	
Non-Allocated	<u>126.5</u>	
	128.5	
		Allen, Forney, Frisco, Heath, McKinney, Mesquite, Plano, Princeton, Prosper, Richardson, Rockwall, Seagoville, Anna, Fairview, Lucas, Melissa, Parker
401 - REGIONAL SOLID WASTE SYSTEM		
Allocated	19	
Non-Allocated	<u>85</u>	
	104	
		Allen, Frisco, McKinney, Plano, Richardson
501 - UPPER EAST FORK INTERCEPTOR SYSTEM		
Allocated	16	
Non-Allocated	<u>3.3</u>	
	19.3	
		Allen, Frisco, McKinney, Plano, Princeton, Prosper, Richardson, Anna, Fairview, Lucas, Melissa, Parker, Murphy, Forney, Mesquite, Seagoville, Wylie, Fate, Royse City, Heath, Rockwall
307 - Panther Creek WWTP	17.826	Frisco
309 - Stewart Creek WWTP	18.5	Frisco
310 - Muddy Creek WWTP	18.878	Murphy, Wylie
601 - SMALL WWTPs		
304 - Wylie WWTP	0.090	Wylie
305 - South Rockwall WWTP (Buffalo Creek)	2.294	Rockwall
306 - North Rockwall WWTP (Squabble Creek)	1.322	Rockwall
308 - Sabine Creek WWTP	2.294	Fate, Royse City
311 - Seis Lagos WWTP	0.702	Seis Lagos Subdivision
312 - Royse City WWTP	0.090	Royse City
313 - Farmersville WWTP	1.322	Farmersville
317 - Lavon WWTP	<u>0.882</u>	Lavon
	8.996	
604 - Wastewater Pretreatment Program	7.5	Allen, Forney, Frisco, McKinney, Mesquite, Plano, Rockwall, Seagoville, Sunnyvale, Terrell, Wylie
TOTAL ALL SYSTEMS	<u>793.000</u>	

**2017-2018 SALARY SCHEDULE
ANNUAL AMOUNTS**

GRADE	Minimum	Maximum
16	\$ 29,908	\$ 44,266
17	\$ 31,483	\$ 46,594
18	\$ 33,057	\$ 48,924
19	\$ 34,710	\$ 51,371
20	\$ 36,445	\$ 53,940
21	\$ 38,267	\$ 56,636
22	\$ 40,182	\$ 59,468
23	\$ 42,190	\$ 62,441
24	\$ 44,299	\$ 65,563
25	\$ 46,515	\$ 68,842
26	\$ 48,840	\$ 72,284
27	\$ 51,283	\$ 75,898
28	\$ 53,846	\$ 79,694
29	\$ 56,539	\$ 83,678
30	\$ 59,366	\$ 87,862
31	\$ 62,333	\$ 92,255
32	\$ 65,451	\$ 96,868
33	\$ 68,724	\$ 101,711
34	\$ 72,159	\$ 106,797
35	\$ 75,767	\$ 112,136
36	\$ 79,556	\$ 117,743
37	\$ 83,533	\$ 123,630
38	\$ 87,710	\$ 129,811
39	\$ 92,096	\$ 136,301
40	\$ 96,701	\$ 143,118
41	\$ 101,535	\$ 150,273
42	\$ 106,612	\$ 157,786
43	\$ 111,943	\$ 165,676
44	\$ 117,541	\$ 173,960
45	\$ 123,417	\$ 182,658
46	\$ 129,589	\$ 191,791
47	\$ 136,068	\$ 201,380
48	\$ 142,872	\$ 211,449

PLUS - THE FOLLOWING PAY FOR TCEQ REQUIRED LICENSE.

LICENSE	MONTHLY
A	\$150.00
B	\$75.00
C	\$50.00

PLUS - THE FOLLOWING SHIFT DIFFERENTIAL PAY FOR MONDAY THROUGH SUNDAY.

SHIFT	HOURLY
1ST	\$0.00
2ND	\$0.75
3RD	\$1.00

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2017 - 2018 ANNUAL BUDGET

CAPITAL OUTLAY SCHEDULE

**ALL SYSTEMS BUDGET
CAPITAL OUTLAY
BY SYSTEM AND FUNCTION**

REGIONAL WATER SYSTEM

5313	INFORMATION TECHNOLOGY				
540400	Office Equipment				
	BN SAN Shelf Storage Expansion (Wylie)	\$	125,000		
	BN SAN Shelf Storage Expansion (S. Mesquite)		85,000		
		\$	210,000		
	Total			\$	210,000
5320	ADMINISTRATION				
540400	Office Equipment				
	Ceridian Payroll/HR Benefits Software	\$	136,600		
			\$	136,600	
	Total			\$	136,600
5330	PLANT OPERATIONS				
540300	Vehicle Equipment				
	Hybrid Sedan	\$	27,500		
			\$	27,500	
540500	Machinery				
	Paddle Shaft Gear Box (Plant II)	\$	71,250		
	3 - Sludge Pump		57,000		
	2 - Rapid Mixer		47,500		
	5 - Effluent BFV's		33,250		
	Rapid Mixer (Plant II)		22,800		
	Lightning Rapid Mixer (Plant II)		19,000		
	Compressor Filter Dryer Blower Bldg (Plant III)		9,500		
	Compressor Filter/Dryer Filter Bldg (Plant III)		7,600		
	Compressor Filter/Dryer Sludge Bldg		5,700		
	Ozone Chiller Pump Motor		5,700		
		\$	279,300		
	Total			\$	306,800
5334	EAST FORK RAW WATER SUPPLY				
540300	Vehicle Equipment				
	Amphibeous Vehicle	\$	85,000		
			\$	85,000	
540700	Non-Vehicle Equipment				
	Cell Dewatering Pump	\$	35,000		
			\$	35,000	
	Total			\$	120,000
5340	FACILITIES SERVICES				
540300	Vehicle Equipment				
	Wheel Loader (Repl)	\$	217,000		
	5-6 Yard Dump Truck (Repl)		106,000		
	Compact Track Loader (Repl)		97,000		
	1 Ton 4X4 Diesel Extended Cab Utility Bed Pickup		66,500		
	1 Ton 4X4 Diesel Crew Cab Pickup		48,500		
		\$	535,000		

**ALL SYSTEMS BUDGET
CAPITAL OUTLAY
BY SYSTEM AND FUNCTION**

540700	Non-Vehicle Equipment		
	Portable Ventilator Trailer	\$ 48,000	
	25 ft Gooseneck Trailer (Repl)	12,800	
	Hoist & Retrieval System	12,000	
	2 - 6' X 12' Cargo Trailers	10,000	
		<hr/>	
	Total	\$ 82,800	\$ 617,800
5350	TECHNICAL SERVICES		
540300	Vehicle Equipment		
	3 - 3/4 Ton Extended Cab Utility Bed Pickup (Repl)	\$ 159,000	
		<hr/>	
		\$ 159,000	
540700	Non-Vehicle Equipment		
	Man Lift (Forney)	\$ 65,000	
	Pipeline Welder (Repl)	22,000	
	60 Ton Iron Worker	13,000	
	Hoist & Retrieval System	12,000	
	2 - Band Saw (1-Forney Repl)	10,000	
	2 - Drill Press (1-Forney Repl)	10,000	
	Power Washer (Forney)	10,000	
	Arbor Press (Forney)	6,300	
	8' X 12' Cargo Trailer	5,000	
	Self Retracting Lifeline	5,000	
		<hr/>	
	Total	\$ 158,300	\$ 317,300
5360	LABORATORY		
540200	Building		
	Volatiles Lab Completion	\$ 100,000	
		<hr/>	
		\$ 100,000	
541000	Laboratory Equipment		
	Inductively Coupled Plasma Mass Spectrometry	\$ 125,000	
	Discrete Analyzer	60,000	
	TKN Digestion Unit	12,000	
	Cyanide Digestor	10,000	
	Bloc Digestor	10,000	
		<hr/>	
		\$ 217,000	
542000	Other Capital Outlay		
	Storage SAN	\$ 31,000	
		<hr/>	
		\$ 31,000	
	Total		\$ 348,000
5370	ENGINEERING		
540300	Vehicle Equipment		
	3 - 1/2 Ton 4X4 Extended Cab Pickup	\$ 96,000	
		<hr/>	
		\$ 96,000	
	Total		\$ 96,000

**ALL SYSTEMS BUDGET
CAPITAL OUTLAY
BY SYSTEM AND FUNCTION**

5380	ENVIRONMENTAL SERVICES			
540200	Building			
	Boat Storage		\$ 100,000	
			\$ 100,000	
541000	Laboratory Equipment			
	Datasondes		\$ 20,000	
			\$ 20,000	
	Total			\$ 120,000
	Total Regional Water System			<u>\$ 2,272,500</u>

SEWER SYSTEM

305	S. ROCKWALL WWTP			
540500	Machinery			
	Blower (Plant I - Repl)		\$ 12,000	
			\$ 12,000	
	Total			\$ 12,000
306	N. ROCKWALL WWTP			
540500	Machinery			
	Return Pump		\$ 15,000	
			\$ 15,000	
	Total			\$ 15,000
307	PANTHER CREEK WWTP			
540300	Vehicle Equipment			
	Operator Cart		\$ 7,000	
			\$ 7,000	
540500	Machinery			
	4 - Electric Motor Valve Operator		\$ 45,000	
	Grit Pump		20,000	
	HVAC System (Primary MCC)		7,000	
			\$ 72,000	
542000	Other Capital Outlay			
	SCADA System Upgrade		\$ 172,675	
	SCADA System Upgrade Installation		75,000	
			\$ 247,675	
	Total			\$ 326,675
308	SABINE CREEK WWTP			
540200	Building			
	Carport		\$ 10,000	
			\$ 10,000	
540500	Machinery			
	Polymer Pump		\$ 8,000	
	RAS Pump		6,500	
			\$ 14,500	
	Total			\$ 24,500

**ALL SYSTEMS BUDGET
CAPITAL OUTLAY
BY SYSTEM AND FUNCTION**

309	STEWART CREEK WWTP				
	540300	Vehicle Equipment			
		Forklift		\$ 46,000	
		UTV		\$ 12,000	
				<hr/>	
		Total		\$ 58,000	
310	MUDY CREEK WWTP				
	540300	Vehicle Equipment			
		UTV		\$ 18,500	
				<hr/>	
	\$ 18,500				
	540500	Machinery			
		Screenings Compactor		\$ 75,000	
		2 - Bleach Pump		\$ 14,800	
		Caustic Pump		\$ 7,400	
				<hr/>	
		Total		\$ 97,200	
	542000	Other Capital Outlay			
		SCADA System Upgrade		\$ 173,045	
		SCADA System Upgrade Installation		\$ 100,000	
				<hr/>	
		Total		\$ 273,045	
313	FARMERSVILLE WWTP				
	540500	Machinery			
		Polymer Pump		\$ 8,000	
				<hr/>	
		Total		\$ 8,000	
317	LAVON WWTP				
	540500	Machinery			
		Blower (Repl)		\$ 8,000	
		Decant Pump (Repl)		\$ 7,000	
		Influent Pump		\$ 7,000	
				<hr/>	
		Total		\$ 22,000	
507	Buffalo Creek Interceptor				
	540500	Machinery			
		Pump #1 (Repl)		\$ 30,000	
				<hr/>	
		Total		\$ 30,000	
601	SMALL WWTPs				
	540300	Vehicle Equipment			
		3/4 Ton 4X4 Diesel Crew Cab Pickup (Repl)		\$ 45,000	
				<hr/>	
				\$ 45,000	

**ALL SYSTEMS BUDGET
CAPITAL OUTLAY
BY SYSTEM AND FUNCTION**

540700	Non-Vehicle Equipment		
	Backhoe Attachment	\$ 6,000	
		<hr/>	
	Total	\$ 6,000	
		<hr/>	
	Total Sewer System	\$ 51,000	
		<hr/>	
		\$ 935,920	

REGIONAL WASTEWATER SYSTEM

5080	WILSON CREEK WWTP		
540300	Vehicle Equipment		
	Roll Off Truck (Repl)	\$ 185,000	
	Fork Lift	94,000	
	Operations Cart	<hr/> 12,000	
		\$ 291,000	
540500	Machinery		
	Turbo Blower Element	\$ 90,000	
	2 - Double Disc Pumps	70,000	
	2 - Recirculating Chopper Pumps (TWAS & Primary)	50,000	
	10" Progressive Cavity Pump	38,000	
	8" Progressive Cavity Pump	<hr/> 27,000	
		\$ 275,000	
540700	Non-Vehicle Equipment		
	5 - 30 Yard Sludge Containers	\$ 35,000	
	Vending Machine	<hr/> 5,000	
		\$ 40,000	
541000	Laboratory Equipment		
	Microwave Moisture Analyzer	\$ 14,000	
		<hr/> \$ 14,000	
	Total	\$ 620,000	
5100	ROWLETT CREEK WWTP		
540500	Machinery		
	Sludge Daytank/Mixing Tank (Repl)	\$ 40,000	
	Non-Potable Booster Pump Station	35,000	
	Traveling Bridge Trough (Train A)	30,000	
	Junction Box 1 Influent Actuated Gate	25,000	
	Intermediate Gear Drive (Prim. Clarifier #2)	15,000	
	Dual Pump Air Compressor (Repl)	12,500	
	2 - Container Drag Gear Drives	<hr/> 10,000	
		\$ 167,500	
540700	Non-Vehicle Equipment		
	Transport Sludge Trailer (Repl)	\$ 65,000	
	3 - 30 Yard Sludge Containers	<hr/> 21,000	
		\$ 86,000	
	Total	\$ 253,500	

**ALL SYSTEMS BUDGET
CAPITAL OUTLAY
BY SYSTEM AND FUNCTION**

5180	MESQUITE WWTP		
540300	Vehicle Equipment		
	Roll Off Truck (Repl)	\$ 185,000	
		<hr/>	
		\$ 185,000	
540500	Machinery		
	3 - Pump Volutes (Lift Station #2)	\$ 135,000	
	Hydraulic Ram Valve (Lift Station #2)	100,000	
	3 - Pedestal & Volute Installs (Lift Station #2)	90,000	
	3 - Pump Pedestals (Lift Station #2)	75,000	
	2 - 6" Progressive Cavity Pump	60,000	
	Rotating Assembly (RAS 2-1)	60,000	
	Non-Potable Pump	17,500	
	2 - 5 Ton Air Conditioning Units	15,000	
	RAS Pump (Aeration 1-6)	<hr/> 12,500	
		\$ 565,000	
	Total	\$ 750,000	
	Total Regional Wastewater System	<hr/> \$ 1,623,500	

REGIONAL SOLID WASTE SYSTEM

5511	LOOKOUT TRANSFER STATION		
540300	Vehicle Equipment		
	2 - Transport Trucks (Repl)	\$ 300,000	
	1/2 Ton Pickup (Repl)	<hr/> 23,500	
		\$ 323,500	
	Total	\$ 323,500	
5512	PARKWAY TRANSFER STATION		
540300	Vehicle Equipment		
	Wheel Loader (Repl)	\$ 400,000	
	Transport Truck (Repl)	<hr/> 150,000	
		\$ 550,000	
542000	Other Capital Outlay		
	Access Road and Site Area (Repl)	<hr/> \$ 80,000	
		\$ 80,000	
	Total	\$ 630,000	
5513	CUSTER TRANSFER STATION		
540200	Building		
	Roof (TS & Scalehouse - Repl)	<hr/> \$ 100,000	
		\$ 100,000	
540300	Vehicle Equipment		
	Wheel Loader (Repl)	\$ 400,000	
	1/2 Ton Pickup (Repl)	<hr/> 23,500	
		\$ 423,500	
	Total	\$ 523,500	

**ALL SYSTEMS BUDGET
CAPITAL OUTLAY
BY SYSTEM AND FUNCTION**

5523	121 REGIONAL DISPOSAL FACILITIES		
540300	Vehicle Equipment		
	Dozer (Repl)	\$ 1,250,000	
	Landfill Utility/Service Truck (Repl)	160,000	
	3/4 Ton 4X4 Diesel Crew Cab Pickup (Repl)	<u>55,000</u>	
		\$ 1,465,000	
541510	Landfill Devel Cost - Contract		
	Liner Construction 12.9 acres (Sector 5B)	\$ 928,800	
	Geosynthetics 12.9 acres (Sector 5B)	516,000	
	GCCS Phase 6 Construction - 7 Wells	<u>250,000</u>	
		\$ 1,694,800	
	Total		\$ 3,159,800
5530	FLEET MAINTENANCE SHOP		
540200	Building		
	Vehicle Exhaust Removal System	\$ 35,000	
	Overhead Rack - Dispenser & Tank (Repl)	<u>32,000</u>	
		\$ 67,000	
540700	Non-Vehicle Equipment		
	Diesel Exhaust Fluid Tank	<u>\$ 22,800</u>	
		\$ 22,800	
	Total		\$ 89,800
	Total Regional Solid Waste System		<u>\$ 4,726,600</u>

UPPER EAST FORK INTERCEPTOR SYSTEM

501	UPPER EAST FORK INTERCEPTOR SYSTEM		
540300	Vehicle Equipment		
	2 - 1/2 Ton 4X4 Crew Cab Pickup	<u>\$ 70,000</u>	
		\$ 70,000	
540700	Non-Vehicle Equipment		
	Pump Rotating Assembly #3 and #4 (Preston Rd)	\$ 135,000	
	Lift Pump #2 (McKinney) (Repl)	<u>85,000</u>	
		\$ 220,000	
	Total		\$ 290,000
	Total Upper East Fork Interceptor System		<u>\$ 290,000</u>
	TOTAL ALL SYSTEMS		<u>\$ 9,848,520</u>

2017 - 2018 ANNUAL BUDGET

CAPITAL IMPROVEMENT PLAN CONTRACTS

CAPITAL IMPROVEMENT PLAN CONTRACTS
All Systems

System / Contracts	Type	Driver	Est Award	Amount	Funding
<u>Regional Water System:</u>					
Chapman Lake PS Exp'n (55MGD) Engineering & Construction, Project 148	Cnstr	G	Jul-17	\$ (1,220,730)	17 Cap Imp
Booster PS Property and Surveying - Project No.144	Cnstr	G	Jul-17	(173,000)	17 Cap Imp
Lake Chapman Raw Water Intake Dredging (Property, Engineering, Surveying)	Cnstr	M	Jul-17	(145,000)	17 Cap Imp
SCADA High Performance HMI Standard Update	Eng	G	Jul-17	54,000	17 Cap Imp
LBCR - Relocations Atmos Energy	Eng	G	Jul-17	60,865	17 SWIFT
Cooper Pipeline Outfall Structure and Property	Cnstr	G	Jul-17	229,549	17 Cap Imp
Irving-Chapman PS, PH I Pipeline, Hypochlorite Bldg & PH I Terminal Facilities	Cnstr	G	Jul-17	2,358,218	17 Cap Imp
HSPS 2-1 Electrical Imp. - Phase I	Cnstr	M	Jul-17	7,400,700	17 Cap Imp
Wylie WTP II, Filter Underdrain Imp. & Conversion to Biological Filters Phase II	Cnstr	M	Jul-17	15,641,000	17 Cap Imp
LBCR - Relocations Frontier Communications	Eng	G	Aug-17	15,000	17 SWIFT
LBCR - County Roads Relocation and Boat Ramps - CMAR Procurement Svcs	Cnstr	G	Aug-17	40,000	17 Cap Imp
LBCR - Additional Archaeological Services for WRP	Perm	G	Aug-17	51,000	17 SWIFT
LBCR - FM 897 Relocation - CMAR Procurement Svcs	Cnstr	G	Aug-17	160,000	17 Cap Imp
HSPS 2-1 Electrical Imp. Phase I	Insp	M	Aug-17	176,000	17 Cap Imp
Clearwells 2-3, 2-4, 3-1, Condition Assessment	Eng	M	Aug-17	250,000	17 Cap Imp
LBCR - TXDOT Advanced Funding Agreement	Cnstr	M	Aug-17	500,000	17 Cap Imp
LBCR - EIS Additional Services	Perm	G	Aug-17	600,000	17 SWIFT
HSPS 3-1 Imp.	Eng	M	Aug-17	650,000	17 Cap Imp
Systemwide Meter Vault Imp. - Setpoint Control Phase I	Cnstr	M	Aug-17	7,550,000	16 Bonds
LBCR Pump Station - CMAR Procurement Svcs	Cnstr	G	Sep-17	120,000	17 Cap Imp
LBCR - Mitigation - Additional Pre-Construction Svcs	Cnstr	G	Sep-17	124,000	17 Cap Imp
90 MGD Leonard WTP HSPS - CMAR Procurement Svcs	Cnstr	G	Sep-17	145,000	17 SWIFT
LBCR Dam - Procurement and Construction	Cnstr	G	Sep-17	368,000	17 Cap Imp
LBCR Additional Basic Engr/Planning Phase III B	Perm	G	Sep-17	400,000	17 SWIFT
70 MGD Leonard WTP Site Phase I - CMAR Procurement Svcs	Cnstr	G	Sep-17	432,000	17 SWIFT
Wylie WTP III Chlorine Scrubber - Renovation	Eng	M	Sep-17	450,000	17 Cap Imp
Chapman Pipeline Easement/Right of Way Clearing	Prop	M	Sep-17	500,000	17 Cap Imp
LBCR - Addtl Legal Services	Legal	G	Sep-17	500,000	17 SWIFT
LBCR - Additional Archeological Services for Additional Mitigation	Perm	G	Sep-17	640,000	17 SWIFT
Bonham WTP Ozone Generator Imp.	Cnstr	M	Sep-17	1,000,000	16 Bonds
Wylie WTP Power System Imp. Phase I	Cnstr	M	Sep-17	2,960,000	16 Bonds
90 MGD Leonard WTP HSPS	Eng	G	Sep-17	4,430,000	17 SWIFT
East System 4.9 MG Above Ground Storage Tank at Cash SUD	Cnstr	R	Sep-17	5,562,000	16 Bonds
Systemwide Air Valve Imp. - North System	Eng	M	Sep-17	103,000	17 Cap Imp
SCADA System Upgrade at Wylie WTP III	Eng	M	Sep-17	225,000	17 Cap Imp
Wylie WTP Power System Imp. Phase II	Eng	M	Sep-17	300,000	17 Cap Imp
Casa View to Hailey Pipeline Relocation at I-635	Insp	G	Oct-17	24,000	18 Cap Imp
Wylie WTP Power System Imp. Phase I	Insp	M	Oct-17	176,000	18 Cap Imp
Wylie WTP Waste Material Storage Facility	Cnstr	R	Oct-17	206,000	18 Cap Imp
Relocation of 84" and 42" Waterline in Parker near Southridge Parkway	Eng	G	Oct-17	500,000	18 Cap Imp
LBCR - Fannin Cnty Rd and Bridge Imp - ROW Acquisition	Prop	G	Oct-17	709,000	17 SWIFT
Renner Road to Plano Delivery Point No. 2	Prop	G	Oct-17	1,560,000	18 Cap Imp
LBCR - Additional Seed Collection - Mitigation	Cnstr	M	Oct-17	2,000,000	18 Cap Imp
LBCR - Additional Program Management	Eng	G	Oct-17	2,300,000	17 SWIFT
LBCR - Materials Testing Quality Assurance	Cnstr	G	Oct-17	2,750,000	18 Cap Imp
North System Frisco/McKinney Ground Storage Tanks	Cnstr	R	Oct-17	8,240,000	18 Cap Imp
East System 4.9 MG Above Ground Storage Tank at Cash SUD	Insp	R	Nov-17	181,000	18 Cap Imp
Shiloh System Ground Storage Tank	Prop	R	Nov-17	913,000	18 Cap Imp
Leonard WTP Terminal Storage Reservoir Phase I (210 MG)	Eng	G	Nov-17	1,987,000	17 SWIFT
Wylie WTP I, Rapid Mix and Sedimentation Imp.	Cnstr	M	Nov-17	22,763,000	16 Bonds
Wylie Rockwall Farmersville 36"/48" Pipeline Imp. Phase II	Eng	M	Nov-17	485,000	18 Cap Imp
North System Frisco/McKinney Ground Storage Tanks	Insp	R	Nov-17	412,000	18 Cap Imp
LBCR - Pump Station	Insp	G	Dec-17	43,000	18 Cap Imp
LBCR - Reservoir Clearing	Insp	G	Dec-17	62,000	18 Cap Imp
LBCR - County Roads Relocation	Insp	G	Dec-17	412,000	17 SWIFT
LBCR - FM 897 Relocation	Insp	G	Dec-17	884,000	17 SWIFT
LBCR - Mitigation	Insp	G	Dec-17	1,075,000	17 SWIFT
LBCR Dam	Insp	G	Dec-17	1,252,000	18 Cap Imp
Shiloh System Ground Storage Tank	Eng	R	Dec-17	339,000	18 Cap Imp
SCADA High Performance HMI Standard Update	Cnstr	G	Jan-18	493,000	18 Cap Imp

CAPITAL IMPROVEMENT PLAN CONTRACTS
All Systems

System / Contracts	Type	Driver	Est Award	Amount	Funding
LBCR - Tree Plantings - Riverby Mitigation	Cnstr	R	Jan-18	\$ 2,000,000	18 Cap Imp
Bonham - Tawakoni WTP Imp.	Eng	M	Feb-18	540,000	18 Cap Imp
Maintenance Facilities Central Region Phase I	Cnstr	G	Feb-18	1,463,000	18 Cap Imp
Systemwide Air Valve Imp. - South System Phase I	Cnstr	M	Feb-18	2,417,000	18 Cap Imp
LBCR - County Road 2715 Imp. - Dam Access Rd	Cnstr	G	Feb-18	3,800,000	18 Cap Imp
Wylie WTP Emergency Notification System	Cnstr	R	Feb-18	6,015,000	18 Cap Imp
Wylie WTP IV Repair	Cnstr	M	Feb-18	10,300,000	18 Bonds
LBCR - Frontier Communications Lines Conflict Relocation	Cnstr	G	Mar-18	412,000	18 Cap Imp
72" Texoma Pipeline Imp. Phase I	Cnstr	M	Mar-18	1,545,000	18 Cap Imp
SCADA System Upgrade at Wylie WTP III	Cnstr	M	Mar-18	1,580,000	18 Cap Imp
Renner Road to Plano Delivery Point No. 2	Cnstr	G	Mar-18	2,802,000	18 Cap Imp
Systemwide Meter Vault Imp. - Setpoint Control Phase II	Cnstr	M	Mar-18	9,837,000	18 Cap Imp
LBCR - WRP Mitigation	Eng	G	Apr-18	500,000	17 SWIFT
20" Forney to Kaufman Waterline Imp.	Cnstr	M	Apr-18	930,000	18 Cap Imp
LBCR Payment to Fannin County for Impact from Increased Traffic	Cnstr	G	Apr-18	971,000	18 Bonds
Relocation of 84" and 42" Waterline in Parker near Southridge Parkway	Prop	G	Apr-18	1,030,000	18 Cap Imp
Systemwide Air Valve Imp. - North System	Cnstr	M	Apr-18	1,110,000	18 Cap Imp
LBCR - Mitigation	Eng	G	Apr-18	1,750,000	17 SWIFT
LBCR - Payment to Bois d'Arc MUD	Cnstr	G	Apr-18	3,437,000	18 Bonds
LBCR - Acquisition of Property	Prop	G	Apr-18	3,460,000	18 Cap Imp
LBCR - Archeology Support and Permitting	Perm	G	Apr-18	6,750,000	18 Cap Imp
LBCR 90" Pipeline	Prop	G	Apr-18	7,080,000	18 Bonds
84" Pipeline from Leonard WTP to Hwy 5 Pump Station (McKinney No. 4)	Eng	G	Apr-18	7,350,000	18 Bonds
LBCR - Acquisition of Property	Prop	G	Apr-18	8,120,000	18 Bonds
Water System Operations Center	Cnstr	G	Apr-18	11,250,000	18 Cap Imp
LBCR - Reservoir Clearing	Cnstr	G	Apr-18	11,700,000	18 Bonds
LBCR - County Roads Relocation	Cnstr	G	Apr-18	14,200,000	18 Bonds
LBCR - FCEC Conflict Relocation	Cnstr	G	Apr-18	14,600,000	18 Bonds
Leonard WTP Electrical/Transmission Line	Cnstr	G	Apr-18	20,400,000	18 Bonds
LBCR - FM 897 Relocation	Cnstr	G	Apr-18	48,000,000	18 Bonds
LBCR - Riverby - Mitigation	Cnstr	G	Apr-18	81,000,000	18 Bonds
LBCR Dam	Cnstr	G	Apr-18	156,700,000	18 Bonds
Sulphur River Basin Supply Project	Legal	G	Apr-18	240,000	18 Cap Imp
Wylie WTP Mid Plant Surface Water Imp.	Eng	G	May-18	103,000	18 Cap Imp
70 MGD Leonard WTP Site Phase I	Insp	G	May-18	122,000	18 Bonds
LBCR - Conflict Relocations	Insp	G	May-18	164,000	17 SWIFT
Leonard WTP Electrical/Transmission Line	Insp	G	May-18	402,000	18 Bonds
Wylie WTP Power System Imp. Phase II	Cnstr	M	May-18	3,147,000	18 Cap Imp
70 MGD Leonard WTP Site Phase I - Early Bid Package	Cnstr	G	May-18	6,000,000	18 Bonds
LBCR - Oncor Conflict Relocation	Cnstr	G	May-18	14,000,000	18 Bonds
Wylie Rockwall Farmersville 36"/48" Pipeline Imp. Phase II	Prop	M	May-18	992,000	18 Cap Imp
LBCR - AT&T Conflict Relocation	Cnstr	G	Jun-18	25,000	18 Bonds
LBCR - Lake Office	Eng	G	Jun-18	206,000	17 SWIFT
LBCR - Atmos Energy Gas Line Relocation	Cnstr	G	Jun-18	3,589,000	18 Bonds
LBCR - 90" Pipeline and 84" Treated Water Line - CMAR Procurement Svcs	Cnstr	G	Jul-18	250,000	18 Bonds
Wylie WTP III Chlorine Scrubber - Renovation	Cnstr	M	Jul-18	3,142,000	18 Cap Imp
Relocation of 84" and 42" Waterline in Parker near Southridge Parkway	Cnstr	G	Jul-18	5,710,000	18 Cap Imp
Expand HSPS 3-1 to 450 MGD, add 2 Pumps and AFD's	Eng	G	Jul-18	1,156,000	18 Cap Imp
4 MG North and South Clearwell Roof Imp. at Wylie WTP II	Cnstr	R	Aug-18	1,236,000	18 Cap Imp
HSPS 3-1 Imp.	Cnstr	M	Aug-18	6,696,000	18 Cap Imp
Wylie WTP II, Filters and Galleries	Eng	M	Aug-18	368,000	18 Cap Imp
Rockwall High Service Pump Station Imp.	Eng	M	Sep-18	57,000	18 Cap Imp
Bonham WTP Intake Imp.	Eng	R	Sep-18	76,000	18 Cap Imp
HSPS 2-1 Electrical Imp Phase II	Eng	M	Sep-18	300,000	18 Cap Imp
LBCR - Boat Ramps and Parks	Eng	G	Sep-18	546,000	17 SWIFT
84" Pipeline from Leonard WTP to Hwy 5 Pump Station (McKinney No. 4)	Prop	G	Sep-18	4,810,000	18 Cap Imp

Total \$ 598,608,603

CAPITAL IMPROVEMENT PLAN CONTRACTS
All Systems

System / Contracts	Type	Driver	Est Award	Amount	Funding
<u>Funding - FY 2017</u>					
	16 Bonds			17,072,000	
	17 Cap Imp			28,110,738	
	17 SWIFT			7,273,865	
	Total FY17			\$ 52,456,603	
<u>Funding - FY 2018</u>					
	16 Bonds			22,763,000	
	17 SWIFT			10,533,000	
	18 Bonds			408,246,000	
	18 Cap Imp			104,610,000	
	Total FY18			\$ 546,152,000	
	Total			\$ 598,608,603	
<u>Funding - FY 2017</u>					
(M) Maintaining Aging Infrastructure				37,560,700	71.6%
(R) Regulatory Requirements				5,562,000	10.6%
(G) Expanding / New Growth				9,333,903	17.8%
(P) Peak Flows / New Growth				-	0.0%
	Total FY17			\$ 52,456,603	8.8%
<u>Funding - FY 2018</u>					
(M) Maintaining Aging Infrastructure				68,385,000	12.5%
(R) Regulatory Requirements				19,618,000	3.6%
(G) Expanding / New Growth				458,149,000	83.9%
(P) Peak Flows / New Growth				-	0.0%
	Total FY18			\$ 546,152,000	91.2%
	Total			\$ 598,608,603	100%
<u>Regional Wastewater System:</u>					
Wilson Creek RWWTP Exp'n to 64 MGD	Cnstr	G	Sep-17	\$ 85,000	17 Bonds
Wilson Creek RWWTP Advanced Treatment and Headworks Imp.	Insp	P	Sep-17	503,000	17 Bonds
New Regional WWTP	Eng	G	Sep-17	622,000	17 Bonds
Wilson Creek RWWTP Exp'n to 64 MGD	Cnstr	G	Sep-17	50,433,000	17 Bonds
Wilson Creek RWWTP Exp'n to 64 MGD	Insp	G	Oct-17	567,000	17 Bonds
Rowlett Creek RWWTP Solids Building Imp.	Eng	M	Feb-18	1,030,000	17 Bonds
South Mesquite RWWTP Influent Flow Handling and Secondary Clarifier Imp.	Cnstr	M	Feb-18	6,256,000	18 Bonds
New Regional WWTP	Prop	P	Feb-18	5,600,000	18 Bonds
Rowlett Creek RWWTP Peak Flow Management Phase II Imp.	Eng	P	Feb-18	3,090,000	18 Bonds
RWWS Imp. 2018	Cnstr	M	Feb-18	2,510,000	18 Bonds
Orr Road Imp.	Cnstr	M	Feb-18	1,061,000	18 Bonds
Maintenance Facilities Central Region Phase I	Cnstr	G	Feb-18	278,000	18 Bonds
Wilson Creek RWWTP Maintenance Facility	Eng	M	Mar-18	361,000	18 Bonds
South Mesquite RWWTP Aeration System Imp. Phase II	Eng	M	Apr-18	1,000,000	18 Bonds
Wilson Creek RWWTP Electrical Imp. Phase II	Cnstr	M	Apr-18	12,422,000	18 Bonds
Rowlett Creek Regional WWTP SCADA Imp.	Eng	M	Apr-18	210,000	18 Bonds
Wilson Creek RWWTP Imp.	Eng	M	Jun-18	412,000	18 Bonds
Floyd Branch RWWTP Optimization Process Imp.	Cnstr	M	Jul-18	12,126,000	18 Bonds
New Regional WWTP	Eng	G	Aug-18	10,300,000	18 Bonds
Rowlett Creek RWWTP Peak Flow Management Phase I Imp.	Insp	P	Aug-18	268,000	18 Bonds
	Total			\$ 109,134,000	

CAPITAL IMPROVEMENT PLAN CONTRACTS
All Systems

System / Contracts	Type	Driver	Est Award	Amount	Funding
<u>Funding - FY 2017</u>					
	17 Bonds			51,643,000	
	Total FY17			\$ 51,643,000	
<u>Funding - FY 2018</u>					
	17 Bonds			1,597,000	
	18 Bonds			55,894,000	
	Total FY18			\$ 57,491,000	
	Total			\$ 109,134,000	
<u>Funding - FY 2017</u>					
(M) Maintaining Aging Infrastructure				-	0.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				51,140,000	99.0%
(P) Peak Flows / New Growth				503,000	1.0%
	Total FY17			\$ 51,643,000	47.3%
<u>Funding - FY 2018</u>					
(M) Maintaining Aging Infrastructure				37,388,000	65.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				11,145,000	19.4%
(P) Peak Flows / New Growth				8,958,000	15.6%
	Total FY18			\$ 57,491,000	52.7%
	Total			\$ 109,134,000	100.0%
<u>Regional Solid Waste System:</u>					
Maxwell Creek Landfill Environmental Controls	Eng	M	Jul-17	\$ 41,000	17 Cap Imp
121 RDF Sector 5B Cell	Cnstr	G	Sep-17	1,600,000	17 Cap Imp
North Transfer Station	Eng	G	Sep-17	20,000	17 Cap Imp
Maxwell Creek Landfill Environmental Controls	Eng	M	Oct-17	40,000	18 Cap Imp
North Transfer Station	Prop	G	Oct-17	2,250,000	18 Cap Imp
North Transfer Station	Perm	G	Nov-17	515,000	18 Cap Imp
121 RDF Sectors 5B, 5C, 5D Cell Construction	Cnstr	G	Nov-17	14,330,000	18 Bonds
121 RDF Concrete Pavement Imp.	Cnstr	M	Nov-17	5,460,000	18 Bonds
Custer Road Transfer Station Compost Office	Cnstr	M	Jan-18	518,000	18 Cap Imp
Parkway Transfer Station Conversion to Top Load	Eng	M	Feb-18	206,000	18 Cap Imp
Custer Road Transfer Station Compost Office	Insp	M	Feb-18	50,000	18 Cap Imp
Maxwell Creek Landfill Environmental Controls	Cnstr	M	Mar-18	900,000	16 Bonds
Maxwell Creek Landfill Environmental Controls	Insp	M	Apr-18	125,000	16 Bonds
	Total			\$ 26,055,000	
<u>Funding - FY 2017</u>					
	17 Cap Imp			1,661,000	
	Total FY17			\$ 1,661,000	
<u>Funding - FY 2018</u>					
	16 Bonds			1,025,000	
	18 Bonds			19,790,000	
	18 Cap Imp			3,579,000	
	Total FY18			\$ 24,394,000	
	Total			\$ 26,055,000	

CAPITAL IMPROVEMENT PLAN CONTRACTS
All Systems

System / Contracts	Type	Driver	Est Award	Amount	Funding
Funding - FY 2017					
	(M) Maintaining Aging Infrastructure			41,000	2.5%
	(R) Regulatory Requirements			-	0.0%
	(G) Expanding / New Growth			1,620,000	97.5%
	(P) Peak Flows / New Growth			-	0.0%
	Total FY17			\$ 1,661,000	6.4%
Funding - FY 2018					
	(M) Maintaining Aging Infrastructure			7,299,000	29.9%
	(R) Regulatory Requirements			-	0.0%
	(G) Expanding / New Growth			17,095,000	70.1%
	(P) Peak Flows / New Growth			-	0.0%
	Total FY18			\$ 24,394,000	93.6%
	Total			\$ 26,055,000	100.0%

Upper East Fork Interceptor System:

Mckinney Lift Station and Upper Cottonwood Lift Station Flow Metering Imp.	Eng	M	Jul-17	\$ 50,000	16 Bonds
121 Force Main Imp.	Eng	M	Aug-17	700,000	16 Bonds
Preston Road Lift Station Imp.	Cnstr	M	Aug-17	1,500,000	16 Bonds
Lower White Rock Lift Station Imp.	Cnstr	G	Aug-17	5,100,000	16 Bonds
Princeton Lift Station Imp.	Cnstr	G	Sep-17	9,700,000	17 Bonds
Princeton Parallel Force Main	Cnstr	G	Sep-17	7,160,000	17 Bonds
UEFIS Capacity Assessment Phase IB	Eng	G	Sep-17	3,700,000	17 Bonds
Wilson Creek Lift Station Imp.	Eng	G	Oct-17	527,000	16 Bonds
North McKinney Lift Station Exp'n	Eng	G	Oct-17	530,000	16 Bonds
Wilson Creek Force Main Parallel	Eng	G	Oct-17	869,000	17 Bonds
North McKinney Force Main Parallel Phase I	Eng	G	Oct-17	861,000	17 Bonds
Princeton Parallel Force Main	Insp	G	Oct-17	238,000	17 Bonds
121 Force Main Imp.	ROW	M	Nov-17	50,000	17 Bonds
McKinney Prosper Parallel Sewer	Prop	G	Nov-17	131,000	17 Bonds
Rowlett Creek Parallel Trunk Sewer Extension	ROW	G	Nov-17	10,000	17 Bonds
McKinney Prosper Transfer Sewer Phase I	Eng	G	Nov-17	648,000	17 Bonds
Plano Spring Creek Lift Station No. 2 Imp	Eng	G	Dec-17	763,000	17 Bonds
Indian Creek Lift Station No. 2	Prop	G	Dec-17	500,000	17 Bonds
Indian Creek Lift Station No. 2	Prop	G	Jan-18	2,545,000	17 Bonds
Beck Branch Parallel Interceptor	ROW	G	Jan-18	6,270,000	17 Bonds
Contracted Project Management	Eng	G	Jan-18	200,000	17 Bonds
Plano Legacy West Wastewater Imp. Reimbursement	Cnstr	G	Feb-18	554,000	17 Bonds
McKinney Prosper Transfer Sewer Phase II	Eng	G	Feb-18	956,000	17 Bonds
Indian Creek Force Main No. 2	Cnstr	G	Feb-18	13,670,000	18 Bonds
Maintenance Facilities Central Region Phase I	Cnstr	G	Feb-18	90,000	18 Bonds
McKinney Eastside Extension Imp.	Eng	M	Feb-18	15,000	18 Bonds
Indian Creek Lift Station No. 2	Cnstr	G	Feb-18	7,500,000	18 Bonds
UEFIS Bypass Connection Imp.	Eng	M	Feb-18	526,000	18 Bonds
Vac Truck Receiving Station	Eng	G	Mar-18	1,000,000	17 Bonds
UEFIS Manhole Imp.	Eng	M	Mar-18	120,000	17 Bonds
McKinney Prosper Transfer Sewer Phase I	ROW	G	Mar-18	100,000	17 Bonds
UEFIS SCADA Imp.	Eng	G	Mar-18	113,000	17 Bonds
Mckinney Lift Station and Upper Cottonwood Lift Station Flow Metering Imp.	Cnstr	M	Mar-18	500,000	18 Bonds
121 Force Main Imp.	Cnstr	M	Mar-18	7,000,000	18 Bonds
Wilson Creek Force Main Parallel	Prop	G	Apr-18	1,174,000	18 Bonds
North McKinney Force Main Parallel Phase I	Prop	G	Apr-18	300,000	18 Bonds
Beck Branch Parallel Interceptor	Cnstr	G	Apr-18	11,120,000	18 Bonds
McKinney Prosper Transfer Sewer Phase I	Cnstr	G	May-18	5,901,000	18 Bonds
Rowlett Creek Parallel Trunk Sewer Extension	Cnstr	G	May-18	4,587,000	18 Bonds
McKinney Eastside Extension Imp.	Cnstr	M	Jul-18	150,000	18 Bonds

CAPITAL IMPROVEMENT PLAN CONTRACTS
All Systems

System / Contracts	Type	Driver	Est Award	Amount	Funding
McKinney Prosper Transfer Sewer Phase II	Prop	G	Aug-18	\$ 100,000	18 Bonds
Lower Rowlett Creek and Lower Cottonwood Creek Lift Station Imp.	Insp	G	Aug-18	82,000	18 Bonds
Plano Spring Creek Lift Station No. 2 Imp.	Cnstr	G	Sep-18	10,130,000	18 Bonds
Total					\$ 107,740,000
Funding - FY 2017					
			16 Bonds	7,350,000	
			17 Bonds	20,560,000	
Total FY17					\$ 27,910,000
Funding - FY 2018					
			16 Bonds	1,057,000	
			17 Bonds	15,928,000	
			18 Bonds	62,845,000	
Total FY18					\$ 79,830,000
Total					\$ 107,740,000
Funding - FY 2017					
(M) Maintaining Aging Infrastructure				2,250,000	8.1%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				25,660,000	91.9%
(P) Peak Flows / New Growth				-	0.0%
Total FY17					\$ 27,910,000
Funding - FY 2018					
(M) Maintaining Aging Infrastructure				8,361,000	10.5%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				71,469,000	89.5%
(P) Peak Flows / New Growth				-	0.0%
Total FY18					\$ 79,830,000
Total					\$ 107,740,000
Buffalo Creek Interceptor:					
Buffalo Creek Interceptor Sewer North (Upper) Section	Eng	G	Oct-17	\$ 806,000	City
Buffalo Creek Interceptor Sewer South (Lower) Section	Eng	G	Oct-17	1,154,000	City
Buffalo Creek Interceptor Sewer North (Upper) Section	Prop	G	Feb-18	67,000	City
Buffalo Creek Interceptor Sewer South (Lower) Section	Prop	G	May-18	78,000	City
Total					\$ 2,105,000
Funding - FY 2018					
			City	2,105,000	
Total FY18					\$ 2,105,000
Total					\$ 2,105,000
Funding - FY 2018					
(M) Maintaining Aging Infrastructure				-	0.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				2,105,000	100.0%
(P) Peak Flows / New Growth				-	0.0%
Total FY18					\$ 2,105,000
Total					\$ 2,105,000

CAPITAL IMPROVEMENT PLAN CONTRACTS
All Systems

System / Contracts	Type	Driver	Est Award	Amount	Funding
<u>Forney Mustang Creek Interceptor:</u>					
Forney Mustang Creek Lift Station Phase I	Eng	P	Aug-17	\$ 1,097,000	City
Forney Mustang Creek Lift Station	Prop	P	Jan-18	325,000	City
Forney Mustang Creek Lift Station Phase I	Cnstr	P	May-18	17,905,000	18 Bonds
Forney Mustang Creek Lift Station Phase I	Eng	P	May-18	309,000	18 Bonds
Forney Mustang Creek Lift Station Phase I	Insp	P	Jun-18	1,254,000	18 Bonds
			Total	\$ 20,890,000	
<u>Funding - FY 2017</u>					
			City	1,097,000	
			Total FY17	\$ 1,097,000	
<u>Funding - FY 2018</u>					
			City	325,000	
			18 Bonds	19,468,000	
			Total FY18	\$ 19,793,000	
			Total	\$ 20,890,000	
<u>Funding - FY 2017</u>					
(M) Maintaining Aging Infrastructure				-	0.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				-	0.0%
(P) Peak Flows / New Growth				1,097,000	100.0%
			Total FY17	\$ 1,097,000	5.3%
<u>Funding - FY 2018</u>					
(M) Maintaining Aging Infrastructure				-	0.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				-	0.0%
(P) Peak Flows / New Growth				19,793,000	100.0%
			Total FY18	\$ 19,793,000	94.7%
			Total	\$ 20,890,000	100.0%
<u>Muddy Creek Wastewater Treatment Plant:</u>					
Muddy Creek WWTP Aeration Basin, Odor Control, and Backup Power Imp.	Eng	M	Oct-17	\$ 495,000	City
			Total	\$ 495,000	
<u>Funding - FY 2018</u>					
			City	495,000	
			Total FY18	\$ 495,000	
			Total	\$ 495,000	
<u>Funding - FY 2018</u>					
(M) Maintaining Aging Infrastructure				495,000	100.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				-	0.0%
(P) Peak Flows / New Growth				-	0.0%
			Total FY18	\$ 495,000	100.0%
			Total	\$ 495,000	100.0%

CAPITAL IMPROVEMENT PLAN CONTRACTS
All Systems

System / Contracts	Type	Driver	Est Award	Amount	Funding
Panther Creek Wastewater Treatment Plant:					
Panther Creek WWTP Landscaping	Cnstr	G	Aug-17	\$ 89,200	17 Cap Imp
Panther Creek WWTP Expansion to 15 MGD	Legal	G	Oct-17	225,000	City
			Total	\$ 314,200	
	Funding - FY 2017				
			17 Cap Imp	89,200	
			Total FY17	\$ 89,200	
	Funding - FY 2018				
			City	225,000	
			Total FY18	\$ 225,000	
			Total	\$ 314,200	
	Funding - FY 2017				
	(M) Maintaining Aging Infrastructure			-	0.0%
	(R) Regulatory Requirements			-	0.0%
	(G) Expanding / New Growth			89,200	100.0%
	(P) Peak Flows / New Growth			-	0.0%
			Total FY17	\$ 89,200	28.4%
	Funding - FY 2018				
	(M) Maintaining Aging Infrastructure			-	0.0%
	(R) Regulatory Requirements			-	0.0%
	(G) Expanding / New Growth			225,000	100.0%
	(P) Peak Flows / New Growth			-	0.0%
			Total FY18	\$ 225,000	71.6%
			Total	\$ 314,200	100.0%
Parker Creek Interceptor:					
Parker Creek Interceptor Manhole Imp.	Eng	M	Mar-18	\$ 77,000	City
			Total	\$ 77,000	
	Funding - FY 2018				
			City	77,000	
			Total FY18	\$ 77,000	
			Total	\$ 77,000	
	Funding - FY 2018				
	(M) Maintaining Aging Infrastructure			77,000	100.0%
	(R) Regulatory Requirements			-	0.0%
	(G) Expanding / New Growth			-	0.0%
	(P) Peak Flows / New Growth			-	0.0%
			Total FY18	\$ 77,000	100.0%
			Total	\$ 77,000	100.0%

CAPITAL IMPROVEMENT PLAN CONTRACTS
All Systems

System / Contracts	Type	Driver	Est Award	Amount	Funding
<u>Seis Lagos Wastewater Treatment Plant:</u>					
Seis Lagos Advanced Treatment Imp.	Eng	M	Nov-17	\$ 57,000	City
					Total <u>\$ 57,000</u>
<u>Funding - FY 2018</u>					
					City <u>57,000</u>
					Total FY18 <u>\$ 57,000</u>
					Total <u>\$ 57,000</u>
<u>Funding - FY 2018</u>					
(M) Maintaining Aging Infrastructure					57,000 100.0%
(R) Regulatory Requirements					- 0.0%
(G) Expanding / New Growth					- 0.0%
(P) Peak Flows / New Growth					- 0.0%
					Total FY18 <u>\$ 57,000</u> 100.0%
					Total <u>\$ 57,000</u> 100.0%
Total Capital Projects All Systems <u>\$ 865,475,803</u>					
<u>Total by Driver All Systems</u>					
(M) Maintaining Aging Infrastructure					161,913,700 18.7%
(R) Regulatory Requirements					25,180,000 2.9%
(G) Expanding / New Growth					648,031,103 74.9%
(P) Peak Flows / New Growth					30,351,000 3.5%
					Total Capital Projects by Driver All Systems <u>\$ 865,475,803</u> 100.0%

2017 - 2018 ANNUAL BUDGET

BOND ISSUES SCHEDULE

BOND ISSUES SCHEDULE
All Systems

System / Contracts	Type	Est Award	Amount
<u>Regional Water System - SWIFT - 10/26/2017</u>			
70 MGD Leonard WTP Site Phase I	Eng	Mar-17	\$ 15,360,000
LBCR - Fannin County Rd and Bridge Imp	Eng	Mar-17	691,000
LBCR - FM 897 Relocation	Legal	Apr-17	15,000
LBCR - Pipeline Section A	Eng	Apr-17	2,383,100
LBCR - Pipeline Section B	Eng	Apr-17	2,599,000
LBCR - Pipeline Section C	Eng	Apr-17	2,501,300
LBCR - EIS Additional Services	Eng	May-17	500,000
LBCR - Conflict Relocation - Payment to Bois d'Arc MUD	Eng	Jun-17	344,824
LBCR - Relocations Atmos Energy	Eng	Jul-17	60,865
LBCR - Additional Archaeological Services for WRP	Perm	Aug-17	51,000
LBCR - EIS Additional Services	Perm	Aug-17	600,000
LBCR - Relocations Frontier Communications	Eng	Aug-17	15,000
90 MGD Leonard WTP HSPS	Eng	Sep-17	4,430,000
LBCR - Additional Archeological Services for Additional Mitigation	Perm	Sep-17	640,000
LBCR - Addt'l Legal Services	Legal	Sep-17	500,000
70 MGD Leonard WTP Site Phase I - CMAR Procurement Svcs	Cnstr	Sep-17	432,000
LBCR Additional Basic Engr/Planning Phase III B	Perm	Sep-17	400,000
90 MGD Leonard WTP HSPS - CMAR Procurement Svcs	Cnstr	Sep-17	145,000
LBCR - Additional Program Management	Eng	Oct-17	2,300,000
LBCR - Fannin Cnty Rd and Bridge Imp - ROW Acquisition	Prop	Oct-17	709,000
Leonard WTP Terminal Storage Reservoir Phase I (210 MG)	Eng	Nov-17	1,987,000
LBCR - Mitigation	Insp	Dec-17	1,075,000
LBCR - FM 897 Relocation	Insp	Dec-17	884,000
LBCR - County Roads Relocation	Insp	Dec-17	412,000
LBCR - Mitigation	Eng	Apr-18	1,750,000
LBCR - WRP Mitigation	Eng	Apr-18	500,000
LBCR - Conflict Relocations	Insp	May-18	164,000
LBCR - Lake Office	Eng	Jun-18	206,000
LBCR - Boat Ramps and Parks	Eng	Sep-18	546,000
LBCR Program Mgmt. - Lake Operations Plan and Eng./Disaster Response Plan	Eng	Oct-18	567,000
LBCR Program Management - Shoreline Management Plan	Eng	Oct-18	300,000
Contingency			1,331,911
Total Project Cost			44,400,000
Estimated Cost of Issuance			250,000
Total			\$ 44,650,000

Regional Solid Waste System - 11/16/17

121 RDF Sectors 5B, 5C, 5D Cell Construction	Cnstr	Nov-17	\$ 14,330,000
121 RDF Concrete Pavement Improvements	Cnstr	Nov-17	5,460,000
Total Project Cost			19,790,000
Estimated Cost of Issuance			1,705,000
Total			\$ 21,495,000

BOND ISSUES SCHEDULE
All Systems

System / Contracts	Type	Est Award	Amount
<u>Regional Water System - 02/22/18</u>			
Wylie WTP IV Repair	Cnstr	Feb-18	\$ 10,300,000
LBCR Payment to Fannin County for Impact from Increased Traffic	Cnstr	Apr-18	971,000
LBCR - Payment to Bois d'Arc MUD	Cnstr	Apr-18	3,437,000
LBCR 90" Pipeline	Prop	Apr-18	7,080,000
84" Pipeline from Leonard WTP to Hwy 5 Pump Station (McKinney No. 4)	Eng	Apr-18	7,350,000
LBCR - Acquisition of Property	Prop	Apr-18	8,120,000
LBCR - Reservoir Clearing	Cnstr	Apr-18	11,700,000
LBCR - County Roads Relocation	Cnstr	Apr-18	14,200,000
LBCR - FCEC Conflict Relocation	Cnstr	Apr-18	14,600,000
Leonard WTP Electrical/Transmission Line	Cnstr	Apr-18	20,400,000
LBCR - FM 897 Relocation	Cnstr	Apr-18	48,000,000
LBCR - Riverby - Mitigation	Cnstr	Apr-18	81,000,000
LBCR Dam	Cnstr	Apr-18	156,700,000
70 MGD Leonard WTP Site Phase I	Insp	May-18	122,000
Leonard WTP Electrical/Transmission Line	Insp	May-18	402,000
70 MGD Leonard WTP Site Phase I - Early Bid Package	Cnstr	May-18	6,000,000
LBCR - Oncor Conflict Relocation	Cnstr	May-18	14,000,000
LBCR - AT&T Conflict Relocation	Cnstr	Jun-18	25,000
LBCR - Atmos Energy Gas Line Relocation	Cnstr	Jun-18	3,589,000
LBCR - 90" Pipeline and 84" Treated Water Line - CMAR Procurement Svcs	Cnstr	Jul-18	250,000
LBCR Pump Station - Electrical Power Transmission	Cnstr	Oct-18	11,700,000
LBCR - Additional Program Management	Eng	Oct-18	2,060,000
LBCR - Archeology During Construction	Cnstr	Oct-18	1,000,000
70 MGD Leonard WTP Site Phase I	Cnstr	Oct-18	205,000,000
LBCR - Additional Mitigation Area	Cnstr	Oct-18	27,230,000
LBCR Pump Station	Cnstr	Nov-18	69,300,000
LBCR - Pump StationS - Discharge Pipeline	Cnstr	Nov-18	2,950,000
LBCR - TSR - Procurement	Cnstr	Nov-18	153,000
LBCR Dam	Insp	Dec-18	1,441,000
LBCR - Mitigation	Insp	Dec-18	1,400,000
LBCR - FM 897 Relocation	Insp	Dec-18	1,257,000
LBCR Pipeline	Insp	Dec-18	831,000
LBCR Pump Station	Insp	Dec-18	264,000
Leonard WTP Terminal Storage Reservoir Phase I (210 MG)	Insp	Dec-18	244,000
LBCR - County Roads Relocation	Insp	Dec-18	165,000
LBCR - Reservoir Clearing	Insp	Dec-18	70,000
LBCR - Boat Ramps and Parks	Insp	Dec-18	34,000
70 MGD Leonard WTP Site Phase I	Insp	Dec-18	907,000
90 MGD Leonard WTP HSPS	Insp	Dec-18	172,000
Total Project Cost			734,424,000
Estimated Cost of Issuance			52,386,000
Total			\$ 786,810,000

BOND ISSUES SCHEDULE
All Systems

System / Contracts	Type	Est Award	Amount
<u>Regional Wastewater System - 02/22/18</u>			
South Mesquite RWWTP Influent Flow Handling and Secondary Clarifier Imp.	Cnstr	Feb-18	\$ 6,256,000
New Regional WWTP	Prop	Feb-18	5,600,000
Rowlett Creek RWWTP Peak Flow Management Phase II Imp.	Eng	Feb-18	3,090,000
RWWS Imp. 2018	Cnstr	Feb-18	2,510,000
Orr Road Imp.	Cnstr	Feb-18	1,061,000
Maintenance Facilities Central Region Phase I	Cnstr	Feb-18	278,000
Wilson Creek RWWTP Maintenance Facility	Eng	Mar-18	361,000
South Mesquite RWWTP Aeration System Imp. Phase II	Eng	Apr-18	1,000,000
Wilson Creek RWWTP Electrical Imp. Phase II	Cnstr	Apr-18	12,422,000
Rowlett Creek Regional WWTP SCADA Imp.	Eng	Apr-18	210,000
Wilson Creek RWWTP Imp.	Eng	Jun-18	412,000
Floyd Branch RWWTP Optimization Process Imp.	Cnstr	Jul-18	12,126,000
New Regional WWTP	Eng	Aug-18	10,300,000
Rowlett Creek RWWTP Peak Flow Management Phase I Imp.	Insp	Aug-18	268,000
Wilson Creek RWWTP Maintenance Facility	Cnstr	Mar-19	<u>3,811,000</u>
Total Project Cost			59,705,000
Estimated Cost of Issuance			3,620,000
Total			\$ 63,325,000
<u>Upper East Fork Interceptor System - 02/22/18</u>			
Indian Creek Force Main No. 2	Cnstr	Feb-18	\$ 13,670,000
Maintenance Facilities Central Region Phase I	Cnstr	Feb-18	90,000
McKinney Eastside Extension Imp.	Eng	Feb-18	15,000
Indian Creek Lift Station No. 2	Cnstr	Feb-18	7,500,000
UEFIS Bypass Connection Imp.	Eng	Feb-18	526,000
Mckinney Lift Station and Upper Cottonwood Lift Station Flow Metering Imp.	Cnstr	Mar-18	500,000
121 Force Main Imp.	Cnstr	Mar-18	7,000,000
Wilson Creek Force Main Parallel	Prop	Apr-18	1,174,000
North McKinney Force Main Parallel Phase I	Prop	Apr-18	300,000
Beck Branch Parallel Interceptor	Cnstr	Apr-18	11,120,000
McKinney Prosper Transfer Sewer Phase I	Cnstr	May-18	5,901,000
Rowlett Creek Parallel Trunk Sewer Extension	Cnstr	May-18	4,587,000
McKinney Eastside Extension Imp.	Cnstr	Jul-18	150,000
McKinney Prosper Transfer Sewer Phase II	Prop	Aug-18	100,000
Lower Rowlett Creek and Lower Cottonwood Creek Lift Station Imp.	Insp	Aug-18	82,000
Plano Spring Creek Lift Station No. 2 Imp.	Cnstr	Sep-18	10,130,000
Wilson Creek Lift Station Imp.	Cnstr	Oct-18	5,775,000
North McKinney Lift Station Expansion	Cnstr	Oct-18	4,375,000
UEFIS Bypass Connection Imp.	Eng	Feb-19	<u>333,000</u>
Total Project Cost			73,328,000
Estimated Cost of Issuance			4,232,000
Total			\$ 77,560,000

BOND ISSUES SCHEDULE
All Systems

System / Contracts	Type	Est Award	Amount
<u>Forney Mustang Creek Interceptor - 05/24/18</u>			
Forney Mustang Creek Lift Station Phase I	Eng	Mar-17	* \$ 265,000
Forney Mustang Creek Lift Station Phase I	Eng	Aug-17	* 1,097,000
Forney Mustang Creek Lift Station	Prop	Jan-18	* 325,000
Forney Mustang Creek Lift Station Phase I	Cnstr	May-18	17,905,000
Forney Mustang Creek Lift Station Phase I	Eng	May-18	309,000
Forney Mustang Creek Lift Station Phase I	Insp	Jun-18	1,254,000
Total Project Cost			21,155,000
Estimated Cost of Issuance			1,645,000
Total			\$ 22,800,000

* May 2018 Bonds will reimburse city

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2017 - 2018 ANNUAL BUDGET
CLASSIFICATION OF ACCOUNTS

CLASSIFICATION OF ACCOUNTS
BUDGET - EXPENDITURE
FUNDS

WATER SYSTEM

101 REGIONAL WATER SYSTEM

WATER FACILITIES

201 LITTLE ELM WATER TRANSMISSION FACILITIES
202 PLANO WATER TRANSMISSION FACILITIES
204 KAUFMAN FOUR-ONE WATER DISTRIBUTION FACILITIES
206 ROCKWALL-HEATH WATER STORAGE FACILITIES
207 TERRELL WATER TRANSMISSION FACILITIES
208 ROCKWALL WATER PUMP STATION FACILITIES

WASTEWATER FACILITIES

301 REGIONAL WASTEWATER SYSTEM
302 MURPHY WASTEWATER TREATMENT PLANT / INTERCEPTOR
304 WYLIE WASTEWATER TREATMENT PLANT
305 SOUTH ROCKWALL (BUFFALO CREEK) WASTEWATER TREATMENT PLANT
306 NORTH ROCKWALL (SQUABBLE CREEK) WASTEWATER TREATMENT PLANT
307 PANTHER CREEK WASTEWATER TREATMENT PLANT
308 SABINE CREEK WASTEWATER TREATMENT PLANT
309 STEWART CREEK WASTEWATER TREATMENT PLANT
310 MUDDY CREEK WASTEWATER TREATMENT PLANT
311 SEIS LAGOS WASTEWATER TREATMENT PLANT
312 ROYSE CITY WASTEWATER TREATMENT PLANT
313 FARMERSVILLE WASTEWATER TREATMENT PLANT
315 FRISCO COTTONWOOD CREEK WASTEWATER TREATMENT PLANT
317 LAVON WASTEWATER TREATMENT PLANT

SOLID WASTE SYSTEM

401 REGIONAL SOLID WASTE SYSTEM

INTERCEPTOR FACILITIES

501 UPPER EAST FORK INTERCEPTOR SYSTEM
502 FORNEY INTERCEPTOR
503 LOWER EAST FORK INTERCEPTOR
504 MUDDY CREEK INTERCEPTOR
505 PARKER CREEK INTERCEPTOR
506 SABINE CREEK INTERCEPTOR
507 BUFFALO CREEK INTERCEPTOR
508 MCKINNEY INTERCEPTOR
509 MUSTANG CREEK INTERCEPTOR
510 PARKER CREEK PARALLEL INTERCEPTOR

**CLASSIFICATION OF ACCOUNTS
BUDGET - EXPENDITURE
FUNDS**

SPECIAL OPERATIONS

- 601 SMALL WASTEWATER TREATMENT PLANTS
- 604 WASTEWATER PRETREATMENT PROGRAM

CLASSIFICATION OF ACCOUNTS

BUDGET - EXPENDITURE

FUNCTIONS

REGIONAL WATER SYSTEM

- 310 GENERAL
- 311 PUBLIC INFORMATION
- 313 INFORMATION TECHNOLOGY
- 320 ADMINISTRATION
- 330 PLANT OPERATIONS
- 331 TEXOMA PUMP STATION
- 332 CHAPMAN PUMP STATION
- 333 TAWAKONI RAW WATER PUMP STATION AND WATER TREATMENT PLANT
- 334 EAST FORK RAW WATER SUPPLY
- 335 BONHAM WATER TREATMENT PLANT
- 340 FACILITIES SERVICES
- 350 TECHNICAL SERVICES
- 360 LABORATORY
- 370 ENGINEERING
- 380 ENVIRONMENTAL SERVICES
- 381 PERMITTING
- 382 REGULATORY COMPLIANCE
- 390 SAFETY
- 999 DEBT SERVICE

REGIONAL WASTEWATER SYSTEM

- 080 WILSON CREEK WASTEWATER TREATMENT PLANT
- 090 FLOYD BRANCH WASTEWATER TREATMENT PLANT
- 100 ROWLETT CREEK WASTEWATER TREATMENT PLANT
- 180 MESQUITE WASTEWATER TREATMENT PLANT
- 999 DEBT SERVICE

REGIONAL SOLID WASTE SYSTEM

- 511 LOOKOUT TRANSFER STATION
- 512 PARKWAY TRANSFER STATION
- 513 CUSTER ROAD TRANSFER STATION
- 521 MAXWELL CREEK LANDFILL
- 522 MCKINNEY LANDFILL
- 523 121 LANDFILL
- 530 FLEET MAINTENANCE SHOP
- 999 DEBT SERVICE

CLASSIFICATION OF ACCOUNTS

BUDGET - EXPENDITURE

ITEM

510000 PERSONNEL

511000 SUPERVISION - Employees who manage and supervise the work of others.

511020 CLERICAL - Employees who provide administrative support such as typing, filing, data entry and answering phones.

511030 SKILLED - Employees who perform duties requiring specialized training.

511040 LABOR - Employees who perform general physical tasks which contribute to the upkeep and care of District facilities and do not require specialized training.

511050 PART-TIME - Employees with scheduled work weeks of 30 hours or less.

511060 OVERTIME - Time paid in excess of 40 hours per work week.

511070 BOARD OF DIRECTORS - Individuals appointed by the District's Member Cities to oversee District activities.

511080 SPECIAL WAGE PAYMENT - Special wage payment.

512000 SOCIAL SECURITY - Employer's portion of FICA and Medicare Taxes.

513000 WORKERS' COMPENSATION INSURANCE - Employer paid insurance for potential on the job injury claims.

513010 UNEMPLOYMENT INSURANCE - Employer paid insurance for potential unemployment claims.

513020 HOSPITALIZATION INSURANCE - Employer's portion of employee health insurance premiums.

513040 DENTAL INSURANCE - Employer's portion of employee dental insurance premiums.

513060 LIFE INSURANCE - Employer paid employee life insurance premiums.

514000 RETIREMENT - Employer's contribution to the District's employee retirement program.

514010 RETIREE INSURANCE - Employer's contribution to the District's retiree health and dental program.

514020 COMPENSATED ABSENCES - VACATION - Employer paid vacation leave provided to employees.

514030 COMPENSATED ABSENCES - SICK - Employer paid sick leave provided to employees.

515000 CELL PHONE STIPEND - Expense paid for use of private cell phones.

CLASSIFICATION OF ACCOUNTS

BUDGET - EXPENDITURE

ITEM

520000 SUPPLIES

520100	OFFICE SUPPLIES - Supplies and equipment necessary for operation of the office.
520110	COMPUTER SUPPLIES - Computer and printer supplies and equipment
520120	PHOTOGRAPHY & VIDEO SUPPLIES - Photography and video supplies.
520200	XEROX SUPPLIES - Copier supplies and monthly rental.
520300	CLOTHING SUPPLIES - Uniforms, rain gear, etc.
520600	FUEL, OIL & LUBRICANTS - Automotive equipment, gasoline, oil, brake fluid, anti-freeze, etc.
520610	GENERATOR FUEL - Fuel used in stationary generator equipment such as pump stations and mobile generator powered systems.
520630	TOLL FEES - Fees charged for use of certain highways.
520700	MACHINE OIL & LUBRICANTS - Grease and oil used for electrical motors, pumps and electrical or mechanical instruments.
520800	SMALL TOOLS & EQUIPMENT - Items liable to loss, theft or rapid deterioration such as keys, locks, flashlights, hand tools, minor test equipment, drills, skill saws, lawn mowers, etc.
520810	FIRE EXTINGUISHERS - Small hand-held and operated fire extinguishers.
520820	EXPENDABLE SUPPLIES - Non-reusable supplies.
520900	JANITORIAL SUPPLIES - Soap, disinfectant, waxes, toilet tissue, brooms, mops, cleaning materials, chemicals, etc.
521000	LABORATORY SUPPLIES - Chemicals used in testing; test tubes, laboratory materials, etc.
521100	MEDICAL SUPPLIES - First aid supplies.
521110	SAFETY SUPPLIES - Supplies purchased to enhance safety.
521200	CHEMICAL - OTHER - Chemicals used in the treatment process.
521201	CHEMICAL - LIME - Chemicals used in the treatment process.
521202	CHEMICAL - FERRIC SULFATE - Chemicals used in the treatment process.
521203	CHEMICAL - CHLORINE - Chemicals used in the treatment process.
521204	CHEMICAL - AMMONIA - Chemicals used in the treatment process.
521205	CHEMICAL - FLUORIDE - Chemicals used in the treatment process.
521206	CHEMICAL - CARBON - Chemicals used in the treatment process.
521207	CHEMICAL - POTASSIUM PERMANGANATE - Chemicals used in the treatment process.
521208	CHEMICAL - FERRIC CHLORIDE - Chemicals used in the treatment process.
521209	CHEMICAL - POLYMERS - Chemicals used in the treatment process.
521210	CHEMICAL - HYPOCHLORITE - Chemicals used in the treatment process.

CLASSIFICATION OF ACCOUNTS

BUDGET - EXPENDITURE

ITEM

520000 SUPPLIES

521211	CHEMICAL - SULFUR DIOXIDE - Chemicals used in the treatment process.
521212	CHEMICAL - LIQUID FERROUS SULFATE - Chemicals used in the treatment process.
521213	CHEMICAL - ALUMINUM SULFATE - Chemicals used in the treatment process.
521214	CHEMICAL - CAUSTIC - Chemicals used in the treatment process.
521215	CHEMICAL - BIOXIDE - Chemicals used in the treatment process.
521216	CHEMICAL - SODIUM CHLORITE - Chemicals used in the treatment process.
521217	CHEMICAL - HYDROGEN PEROXIDE - Chemicals used in the treatment process.
521218	CHEMICAL - LIQUID OXYGEN - Chemicals used in the treatment process.
521300	BOTANICAL SUPPLIES - Seeds, trees, plants, fertilizer, etc.
521400	ELECTRICAL SUPPLIES - Parts for repair or replacement of electric switch gear, telemetering equipment, batteries, etc.
521500	MECHANICAL SUPPLIES - Parts for repair or replacement of pumps, motors, feeders, internal mechanical equipment, etc.
521600	PIPELINE SUPPLIES - Repair parts for or replacement of distribution mains and service connections such as clamps, taps, sleeves, pipe, stops, etc.
521610	METER SUPPLIES - Repair parts for or replacement of meters.
521700	BUILDING SUPPLIES - Paint, lumber, building materials for general building repair.
521800	ENGINEERING SUPPLIES - Supplies necessary for drafting, survey and other engineering work.
521900	VEHICLE SUPPLIES - Parts for internal repair of vehicle equipment.
521910	TIRES & TUBES - Tires and tubes for vehicles and other equipment.
522000	EQUIPMENT SUPPLIES - Repair parts for tools, non-mechanical equipment (see Account 521500 for mechanical supplies) and apparatus such as drills, skill saws, lawn mowers, welders and laboratory testing equipment.
522100	WELDING SUPPLIES - Oxygen, acetylene and welding rod.
522200	ROAD MAINTENANCE SUPPLIES - Material purchased to maintain the District's roads and streets, such as asphalt, rock, etc.
523000	OTHER SUPPLIES - Supplies not otherwise classified.
523660	SMALL PLANTS EXPENSE - Supplies for Small Wastewater Treatment Plants.
525000	RECOV-IRVING SUPPLIES - Recovery of Irving O&M supply expenses.

CLASSIFICATION OF ACCOUNTS

BUDGET - EXPENDITURE

ITEM

530000 CONTRACTUAL SERVICES

530100 AUDIT - Cost of annual audit.

530300 AUTOMOTIVE INSURANCE - Premiums paid for insurance coverage.

530400 FIRE & EXTENDED COVERAGE INSURANCE - Premiums paid for insurance coverage.

530500 EMPLOYEE BONDS - Bonds for Directors and blanket bond for employees.

530510 DIRECTORS AND OFFICERS LIABILITY - Premiums paid for insurance coverage.

530520 FINANCIAL ASSURANCE BOND/INSURANCE - Cost to meet the financial assurance requirements of the TCEQ for landfill closure and post-closure activities.

530530 POLLUTION CONTROL LIABILITY INSURANCE - Premiums paid for insurance coverage.

530900 GENERAL LIABILITY INSURANCE - Premiums paid for insurance coverage.

531000 TELEPHONE - Telephone service purchased for District communications.

531010 TELEPHONE MAINTENANCE - Telephone system maintenance and repairs.

531020 INTERNET SERVICES - Cost of internet services.

531030 WEB SITE SERVICE - Service to maintain the District's web site.

531100 ELECTRIC POWER - Power purchased for District facilities.

531101 RECOV-SULPHUR SPRINGS POWER - Recovery of Sulphur Springs power expenses.

531102 RECOV-IRVING POWER - Recovery of Irving power expenses.

531103 RECOV-GTUA POWER - Recovery of GTUA power expenses.

531110 NATURAL GAS, BUTANE, KEROSENE - Fuel purchased for District facilities.

531120 RETAIL WATER SERVICE - Retail treated water service purchased for District facilities.

531130 WHOLESALE WATER PURCHASES - Wholesale water purchased from other entities.

531200 BANK SERVICE FEES - Services provided by banks and other financial institutions.

531210 BANK CARD SERVICE FEES - Cost of bank card services and credit card services.

531300 ENGINEERING / CONSULTANT SERVICE - Cost of consulting engineers for operation work performed.

531310 SPECIAL STUDIES & REPORTS - Cost of planning and/or monitoring projects such as water quality analysis and monitoring of streams and reservoirs.

531320 WATER CONSERVATION PROGRAMS - Cost of water conservation programs.

531350 DRIVING RECORDS - Cost of obtaining driving records.

531400 LEGAL SERVICE - Cost of operational work performed by legal counsel.

531410 LEGAL SERVICE, P.A. - Cost of permit acquisition performed by legal counsel.

531470 PERMITTING - Water System cost to provide permitting services for other functions.

CLASSIFICATION OF ACCOUNTS

BUDGET - EXPENDITURE

ITEM

530000 CONTRACTUAL SERVICES

531480 REGULATORY COMPLIANCE - Water System cost to provide regulatory services for other functions.

531490 RAW WATER DEVELOPMENT - Expense involved in developing raw water supplies.

531500 PLANNING & DEVELOPMENT - Expense involved in providing emphasis on the development of the service area such as printing of brochures, mailings, public relations, etc.

531510 RESEARCH & DEVELOPMENT - Water System cost to provide research and development services for other functions.

531520 EMPLOYEE PROGRAMS - Cost related to special programs for the District's employees.

531540 REGION C WATER PLANNING - Expense involved in the Region C planning process.

531590 INSURANCE CLAIMS DEDUCTIBLE - Insurance policy deductible paid for insurance claims.

531600 PRINTING & BINDING - Cost for external printing and binding.

531700 ADVERTISING - Cost for external advertising.

531800 RENT OR LEASE PAYMENTS - Cost to rent or lease equipment or facilities on a temporary basis.

531810 DEMURRAGE - Cost for carrier excess loading or unloading time.

531900 TRAVEL AND TRAINING - Hotel rooms, meals, transportation, registration fees, etc for District approved meetings and conferences.

531910 EDUCATION AND TRAINING - In-house training programs.

532000 MEMBERSHIPS & SUBSCRIPTIONS - Memberships to professional and technical journals, publications and local newspapers.

532010 MEMBERSHIP & SUBSCRIPTIONS - SPECIAL - Other membership and subscription cost.

532100 VEHICLE MAINTENANCE - External repair work performed on vehicle equipment.

532110 VEHICLE MAINTENANCE BY SOLID WASTE - Repair work performed by the Fleet Maintenance Shop on vehicles from other systems.

532200 EQUIPMENT MAINTENANCE - External repair work on all equipment other than vehicles (see Account 532100) such as motors, pumps and mechanical apparatus.

532210 SPECIAL MAINTENANCE - External cost of special or non-routine maintenance projects.

532220 PIPELINE MAINTENANCE - External repair work performed on pipelines.

532230 FACILITIES MAINTENANCE - External repair work performed on facilities such as intake structures, pump stations, lift stations and storage reservoirs.

532240 NATURE CENTER - District expenses for the John Bunker Sands Wetland Center.

532250 CAPITAL CONTRIBUTIONS-CITY OF MELISSA - Capital contributions for Melissa ILA contract.

532300 POSTAGE - Cost of postage for mailings.

532400 OFFICE EQUIPMENT MAINTENANCE - Annual maintenance service contracts and office machine repair cost.

CLASSIFICATION OF ACCOUNTS

BUDGET - EXPENDITURE

ITEM

530000 CONTRACTUAL SERVICES

532600	LAKE MAINTENANCE - Payment to U.S. Government for Corps of Engineers constructed lakes.
532700	RADIO MAINTENANCE - External radio maintenance and repairs.
532800	GROUNDS MAINTENANCE - Cost of grounds and maintenance projects.
532810	GROUNDS MAINTENANCE CONTRACT - Grounds maintenance performed under annual contract.
532850	BUILDING MAINTENANCE - Maintenance work on buildings performed by others.
532900	ELECTRICAL SYSTEMS MAINTENANCE - Cost for electrical systems maintenance performed by others.
533000	OTHER SERVICES - Cost of contractual services not otherwise classified above.
533020	CONTRACT LABOR - Outside contract labor.
533030	CONTRACTUAL SAFETY SERVICES - Services purchased to enhance safety.
533100	ADMINISTRATION - Water System cost to provide administrative services for other functions.
533105	IT ADMIN SERVICES - Water System cost to provide IT administrative services for other functions.
533110	PUBLIC INFORMATION SERVICE - Water System cost to provide information services for other functions.
533300	MAINTENANCE SERVICE - Water System cost to provide mechanical maintenance for other functions including cost of material by the Facilities Services function.
533310	MAINTENANCE SERVICE TRANSFERS - Annual fee for maintenance service not charged through work orders.
533320	MAINTENANCE SERVICE - WASTEWATER CREW - Maintenance performed by the Wastewater Crew of the Facilities Services function for various wastewater facilities.
533330	TECHNICAL SERVICE - PREVENTATIVE MAINTENANCE CREW - Preventive maintenance performed by the Preventive Maintenance Crew of the Technical Services function for various wastewater facilities.
533340	TECHNICAL SERVICES - Water System cost to provide electrical and mechanical maintenance for other functions including cost of material by the Technical Services function.
533360	IT SERVICES - Water System cost to provide IT services to other functions.
533370	SAFETY SERVICES - Water System cost to provide safety services to other functions.
533380	ODOR CONTROL CREW - Odor control activities performed by the Odor Control Crew at various wastewater facilities.
533400	LABORATORY SERVICES - Water System cost to provide laboratory service to other functions.
533500	LABORATORY SERVICE - CONTRACT - External laboratory services.

CLASSIFICATION OF ACCOUNTS

BUDGET - EXPENDITURE

ITEM

530000 CONTRACTUAL SERVICES

533620	DEWATERING PRESS EXPENSE CHARGES - Charges for the use of the dewatering press.
533630	LANDFILL SERVICE FEES - Cost of landfill services.
533640	HAULING FEES - Charges by Regional Wastewater System for hauling sludge.
533660	SMALL PLANTS EXPENSE - Charges for Small Wastewater Treatment Plants.
533670	HAULING AND DEWATERING EXPENSE - Charges by Regional Wastewater System for hauling and dewatering sludge.
533680	CONVEYANCE SYSTEM EXPENSE - Charges by Upper East Fork Interceptor System for activities performed at various conveyance system facilities.
533900	PERMITS, INSPECTION, & LICENSE FEES - Cost of permits and inspection fees for plants.
533910	PERMIT ASSESSMENT FEES - Cost of permits and assessment fees for plants.
533920	REGULATORY FEES AND ASSESSMENTS - Cost of regulatory fees and assessments.
534000	UNINSURED LOSSES - Cost to replace uninsured property damaged or destroyed by fire or accidents or other casualty losses.
534100	CONSTRUCTION INSPECTION - Cost of in-house inspection service on Construction Projects.
534200	PLANT SECURITY SERVICES - Cost of security services.
534300	COMPOSTING SERVICES - Cost of composting services.
535000	RECOV-IRVING CONTRACTUAL - Recovery of Irving O&M contractual expenses.

CLASSIFICATION OF ACCOUNTS

BUDGET - EXPENDITURE

ITEM

540000 CAPITAL OUTLAY

(Individual Items Valued at \$5,000 and Greater with a Life of 2 Years or Greater)

540100	LAND - Purchase of land funded from operating revenues.
540200	BUILDING - Buildings or major improvements funded from operating revenues.
540300	VEHICLE EQUIPMENT - Engine driven mobile equipment.
540400	OFFICE EQUIPMENT - Office furnishing and equipment.
540500	MACHINERY - Electrical and mechanical equipment such as motors, switchgears and pumps that are additions to systems or major improvements.
540700	NON-VEHICLE EQUIPMENT - Power mowers, large power tools, boats, outboard motors, large testing equipment, etc.
540800	PIPELINE EQUIPMENT - Material cost for permanent system improvements such as water mains, service lines, meters, and valves that are additions to systems or major improvements.
540900	BOTANICAL - Major landscaping projects for structures, trees, and irrigation equipment.
541000	LABORATORY EQUIPMENT - Equipment such as meters, recorders, and testing instruments.
541500	LANDFILL DEVELOPMENT COST - Cost incurred in development of landfill sites and facilities.
541510	LANDFILL DEVELOPMENT COST - CONTRACT - Cost of contractors for development of landfill sites and facilities.
542000	OTHER CAPITAL OUTLAY - Items not otherwise classified above.
543660	SMALL PLANTS CAPITAL - Capital Charges for Small Wastewater Treatment Plants.
545000	RECOVERY - CAPITAL OUTLAY - Recovery of capital outlay expenses.

CLASSIFICATION OF ACCOUNTS**BUDGET - EXPENDITURE****ITEM****550000 ESCROW**

550660 RESERVE FOR MAINTENANCE - Transfers to Reserve for Maintenance Fund.

550670 EQUIPMENT REPLACEMENT ESCROW - Transfers to Equipment Replace Escrow Fund.

550680 ELECTRIC POWER ESCROW - Payments to electricity suppliers for escrow deposits.

550690 TRANSFERS TO CONTINGENCY - Transfers to Contingency Fund.

550700 PREVENTATIVE MAINTENANCE ESCROW - Transfers to Preventative Maintenance Escrow Fund.

551000 RECOV-IRVING ESCROW - Recovery of Irving escrow expenses.

560000 SPECIAL PROJECTS

560000 SPECIAL PROJECTS - Special projects approved by the Board of Directors.

570000 DEBT SERVICE

571000 TRANSFERS TO I & S FUNDS - Transfers to I & S Funds for bond principal and interest payments.

571010 TRANSFERS TO RESERVE FUNDS - Transfers to Reserve Funds to maintain required balance.

572010 DEBT SERVICE - US GOVERNMENT NOTE - LAVON - Transfers to Reserve for U.S. Government Notes for note principal and interest for Lavon.

572011 DEBT SERVICE - US GOVERNMENT NOTE - CHAPMAN - Transfers to Reserve for U.S. Government Notes for note principal and interest for Chapman.

572012 DEBT SERVICE - US GOVERNMENT NOTE - COOPER/CITY - Payments to the City of Cooper for acquisition of water rights in Chapman Reservoir.

572013 DEBT SERVICE - US GOVERNMENT NOTE - TEXOMA - Payments to the U.S. Army Corps of Engineers for acquisition of water storage rights in Lake Texoma.

573010 RESERVE FOR CAPITAL IMPROVEMENT - Transfers to Capital Improvement Fund.

574010 DEBT SERVICE ACQUISITION - Note principal and interest payments for acquisition and facilities.

575000 DEBT SERVICE TRANSFER TO RESERVE - Transfer from Operating Funds to Reserve Funds to fulfill contract obligation on revenue bonds.

579000 BOND SERVICE FEES - Fees paid to institution serving as paying agent and arbitrage calculation fees for bond issues.

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2017 - 2018 ANNUAL BUDGET

RESOLUTION NO. 17 -

NORTH TEXAS MUNICIPAL WATER DISTRICT

RESOLUTION NO. 17-__

A RESOLUTION APPROVING APPROPRIATIONS FOR THE 2017-18 ALL SYSTEMS ANNUAL BUDGET, AMENDING THE 2016-17 ANNUAL BUDGET AND PROVIDING RATES AND CHARGES FOR SYSTEM SERVICES OF THE NORTH TEXAS MUNICIPAL WATER DISTRICT

WHEREAS, State Law and contracts between the North Texas Municipal Water District and the municipalities served require the adoption of an Annual Budget appropriating funds for the operation, maintenance and debt service requirements for each of the District Systems; and

WHEREAS, it is necessary to establish rates and charges to meet the financial requirements for each of the District Systems in accordance with contractual agreements; and

WHEREAS, the Executive Director / General Manager has prepared the Annual Budget and has determined that the charges for services as proposed will meet the overall financial requirements for each of the District Systems.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE NORTH TEXAS MUNICIPAL WATER DISTRICT THAT THE 2017-18 ALL SYSTEMS ANNUAL BUDGET BE APPROVED AS SUBMITTED BY THE EXECUTIVE DIRECTOR / GENERAL MANAGER FOR THE FISCAL YEAR OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018. FURTHER, THE RATES AND CHARGES FOR SERVICES ARE HEREBY APPROVED IN ACCORDANCE WITH THE FOLLOWING APPROPRIATIONS, CHARGES AND SPECIAL DETAILS.

SECTION A - APPROPRIATIONS

1. The major budgetary control shall be the expenditure summary sheet of each Function in the 2017-18 Annual All Systems Budget document and the Executive Director / General Manager shall have the authority to transfer funds between accounts but shall require the express approval of the Board of Directors by budget amendment to exceed funding for any Fund. Following are system control details:

<u>By System:</u>	<u>2016-2017 Amended Budget</u>	<u>2017-2018 Budget</u>
Regional Water System	\$296,776,625	\$331,686,860
Sewer System	36,287,885	38,268,645
Regional Wastewater System	58,678,295	64,499,325
Regional Solid Waste System	35,088,760	35,850,135
Upper East Fork Interceptor System	28,958,855	34,073,930
Total	<u>\$455,790,420</u>	<u>\$504,378,895</u>

	2016-2017 Amended Budget	2017-2018 Budget
<u>By Character:</u>		
Personnel	\$70,916,940	\$77,006,075
Supplies	45,640,740	50,531,535
Services	80,734,185	83,886,195
Capital Outlay	9,357,510	9,848,520
Escrow	1,288,720	2,266,525
Capital Improvement	71,109,500	69,745,000
Debt Service	176,113,895	210,930,045
Special Projects	628,930	165,000
Total	<u>\$455,790,420</u>	<u>\$504,378,895</u>

2. The Amended Budget, as set forth in column four of the 2017-18 All Systems Annual Budget Document, shall be approved as the authorized Amended Budget for the 2016-17 Fiscal Year and the Proposed Budget, as set forth in column five of the 2017-18 All Systems Annual Budget Document, shall be approved as the authorized Budget for the 2017-18 Fiscal Year.

3. The Salary Plan as set forth in the 2017-18 All Systems Annual Budget Document shall be applicable to all District employees, other than the Executive Director / General Manager and the Deputy Directors, and salaries shall be paid during the 2017-18 Fiscal Year in biweekly payments (every two weeks).

4. All District employees that are classified at the Maximum on the Salary Plan shall be considered for a one-time performance payment in an amount up to 5% of their current annual salary.

5. The salary for the Executive Director / General Manager and the Deputy Directors shall be payable in increments of the regular payroll of the District in annual amounts for the Executive Director / General Manager of \$_____, the Deputy Director (Operations) of \$_____, the Deputy Director (Engineering & CIP) of \$_____, and for the Deputy Director (Finance & Personnel) of \$_____.

6. The District shall fund the Deferred Compensation accounts for the Executive Director / General Manager and the Deputy Directors in monthly amounts for the Executive Director / General Manager of \$_____, the Deputy Director (Operations) of \$_____, the Deputy Director (Engineering & CIP) of \$_____, and for the Deputy Director (Finance & Personnel) of \$_____.

7. In addition to the compensation set forth above in Sections A.5 and A.6:

- For any period that the Executive Director / General Manager declines the District's group health insurance, the District will fund the Deferred Compensation account for the Executive Director / General Manager in a monthly amount of \$_____; and
- The District will provide the Executive Director / General Manager with \$_____ in life insurance coverage.

SECTION B - CHARGES FOR SERVICE

1. The following minimum annual demands and water rates shall be applicable during the 2017-18 Fiscal Year.

WHOLESALE TREATED WATER RATES

Entity	Minimum Annual Demand 1,000 gallons	Water Rate per 1,000 gallons	Minimum Annual Charge	Excess Water Rate per 1,000 gallons
<u>Members:</u>				
Allen	6,011,208	\$ 2.78	\$ 16,711,158.24	\$0.40
Farmersville	280,467	\$ 2.78	\$ 779,698.26	\$0.40
Forney	1,849,256	\$ 2.78	\$ 5,140,931.68	\$0.40
Frisco	10,225,090	\$ 2.78	\$ 28,425,750.20	\$0.40

Entity	Minimum Annual Demand 1,000 gallons	Water Rate per 1,000 gallons	Minimum Annual Charge	Excess Water Rate per 1,000 gallons
Garland	13,721,955	\$ 2.78	\$ 38,147,034.90	\$0.40
McKinney	10,762,780	\$ 2.78	\$ 29,920,528.40	\$0.40
Mesquite	8,297,666	\$ 2.78	\$ 23,067,511.48	\$0.40
Plano	26,719,809	\$ 2.78	\$ 74,281,069.02	\$0.40
Princeton	485,886	\$ 2.78	\$ 1,350,763.08	\$0.40
Richardson	11,019,311	\$ 2.78	\$ 30,633,684.58	\$0.40
Rockwall	3,330,881	\$ 2.78	\$ 9,259,849.18	\$0.40
Royse City	448,255	\$ 2.78	\$ 1,246,148.90	\$0.40
Wylie	1,877,558	\$ 2.78	\$ 5,219,611.24	\$0.40
Total Members	95,030,122		\$ 264,183,739.16	
Customers:				
Ables Springs SUD	80,879	\$ 2.83	\$ 228,887.57	\$0.45 a
Bear Creek SUD	235,321	\$ 2.83	\$ 665,958.43	\$0.45
BHP WSC	138,023	\$ 2.83	\$ 390,605.09	d
Bonham	640,000	\$ 2.78 b	\$ 1,779,200.00	c
Caddo Basin SUD	334,397	\$ 2.83	\$ 946,343.51	\$0.45
Cash SUD	305,643	\$ 2.83	\$ 864,969.69	\$0.45
College Mound SUD	66,769	\$ 2.83	\$ 188,956.27	\$0.45
Copeville SUD	88,587	\$ 2.83	\$ 250,701.21	c
East Fork SUD	407,636	\$ 2.83	\$ 1,153,609.88	\$0.45
Fairview	887,811	\$ 2.83	\$ 2,512,505.13	\$0.45
Fate	279,932	\$ 2.83	\$ 792,207.56	\$0.45
Fate No. 2	529,453	\$ 2.83	\$ 1,498,351.99	\$0.45
Forney Lake WSC	329,424	\$ 2.83	\$ 932,269.92	\$0.45
Gastonia Scurry SUD	110,490	\$ 2.83	\$ 312,686.70	e
GTUA	557,465	\$ 2.83	\$ 1,577,625.95	\$0.45
Josephine	62,039	\$ 2.83	\$ 175,570.37	\$0.45
Kaufman	459,989	\$ 2.83	\$ 1,301,768.87	d
Kaufman Four-One	528,801	\$ 2.83	\$ 1,496,506.83	\$0.45
Little Elm	1,351,428	\$ 2.83	\$ 3,824,541.24	c
Lucas	628,590	\$ 2.83	\$ 1,778,909.70	\$0.45
Melissa	282,555	\$ 2.83	\$ 799,630.65	\$0.45
Milligan WSC	149,894	\$ 2.83	\$ 424,200.02	c
Mt. Zion WSC	159,302	\$ 2.83	\$ 450,824.66	\$0.45
Murphy	1,404,775	\$ 2.83	\$ 3,975,513.25	\$0.45
Nevada SUD	47,179	\$ 2.83	\$ 133,516.57	\$0.45
Nevada SUD No. 2	70,985	\$ 2.83	\$ 200,887.55	\$0.45
North Collin SUD	346,058	\$ 2.83	\$ 979,344.14	d
Parker	533,654	\$ 2.83	\$ 1,510,240.82	\$0.45
Prosper	1,484,478	\$ 2.83	\$ 4,201,072.74	d
Rose Hill SUD	143,271	\$ 2.83	\$ 405,456.93	c
Rowlett	3,192,039	\$ 2.83	\$ 9,033,470.37	c
Sachse	1,332,153	\$ 2.83	\$ 3,769,992.99	\$0.45
Seis Lagos MUD	133,220	\$ 2.83	\$ 377,012.60	\$0.45
Sunnyvale	595,071	\$ 2.83	\$ 1,684,050.93	c
Terrell	1,400,000	\$ 2.83	\$ 3,962,000.00	c
Wylie N.E. SUD	222,387	\$ 2.83	\$ 629,355.21	\$0.45
Total Customers	19,519,698		\$ 55,208,745.34	
Total	114,549,820		\$ 319,392,484.50	

a Water consumed over 365,000,000 gallons shall be charged at a rate of \$2.83 / 1,000 gallons.

b Pays Member Rate.

c Excess Water Rate Subject to Contract Minimums.

d Water consumed over Minimum Annual Demand shall be charged at a rate of \$2.83 / 1,000 gallons.

e Water consumed over Minimum Annual Demand shall be charged at a rate of \$5.66 / 1,000 gallons.

RETAIL TREATED WATER RATES - RESIDENTIAL

Minimum - First 2,000 Gallons	\$15.00
From 2,000 to 10,000 Gallons	\$5.66 per 1,000 Gallons
From 10,000 to 20,000 Gallons	\$7.54 per 1,000 Gallons
Above 20,000 Gallons	\$9.42 per 1,000 Gallons
Reconnect Fees	\$30.00

RETAIL TREATED WATER RATES - COMMERCIAL

From 0 to 10,000 Gallons	\$6.03 per 1,000 Gallons
Above 10,000 Gallons	\$7.54 per 1,000 Gallons
Reconnect Fees	\$30.00

NON-POTABLE WATER RATE

East Fork Raw Water Project	\$.59 per 1,000 Gallons
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2. The following non-member city customer charges at District landfills and transfer stations shall be applicable during the 2017-18 Fiscal Year.

121 REGIONAL DISPOSAL FACILITY CHARGES

- I. All Vehicles - \$32.00 per Ton, One Ton Minimum
- II. Additional charge above the basic vehicle charge:
 - For loads containing roofing shingles - \$150.00
 - For tires based on wheel size:
 - \$5.00 per tire up to 24.5" diameter
 - \$20.00 per farm tractor or motor grader tire
 - No loader or scraper tires accepted
- III. The Executive Director / General Manager may prepare a schedule of charges to be used when weights are not practical to obtain.
- IV. There shall be a charge to District operated wastewater plants for disposal of federal and state approved sludge materials equivalent to \$25.39 per actual ton.
- V. Pull-off Fee (non-refundable) - \$25.00
- VI. The Executive Director / General Manager may prepare a schedule of charges, subject to approval of the Board of Directors, for special projects.

CUSTER ROAD, PARKWAY AND LOOKOUT DRIVE TRANSFER STATION CHARGES

- I. All Vehicles - \$45.00 per Ton, One Ton Minimum
- II. Additional charge above the basic vehicle charge for loads containing roofing shingles - \$150.00
- III. The Executive Director / General Manager may prepare a schedule of charges to be used when weights are not practical to obtain.
- IV. Pull-off Fee (non-refundable) - \$25.00

3. Charges shall be levied on the basis of monthly increments to provide the necessary funds to meet the appropriations for the Regional Wastewater System, Regional Solid Waste System, Upper East Fork Interceptor System and each of the Funds in the Sewer Systems in accordance with the appropriate contracts for service. Actual charges shall be determined after the end of the fiscal year and the appropriate debit or credit allowed.

4. Special debt service shall be allocated to the City of Sulphur Springs in the amount of \$15,975 in the Water System.

This Resolution approved by the Board of Directors in a regular meeting on September 28, 2017.

DON GORDON
SECRETARY

ROBERT THURMOND
PRESIDENT