

North Texas Municipal Water District



2016-2017 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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THOMAS W. KULA
EXECUTIVE DIRECTOR / GENERAL MANAGER

2016 - 2017 ANNUAL BUDGET

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NORTH TEXAS MUNICIPAL WATER DISTRICT

Regional Service Through Unity

August 25, 2016

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

RE: 2016-17 ALL SYSTEMS BUDGET

Dear Directors:

Submitted herewith is the 2016-17 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.

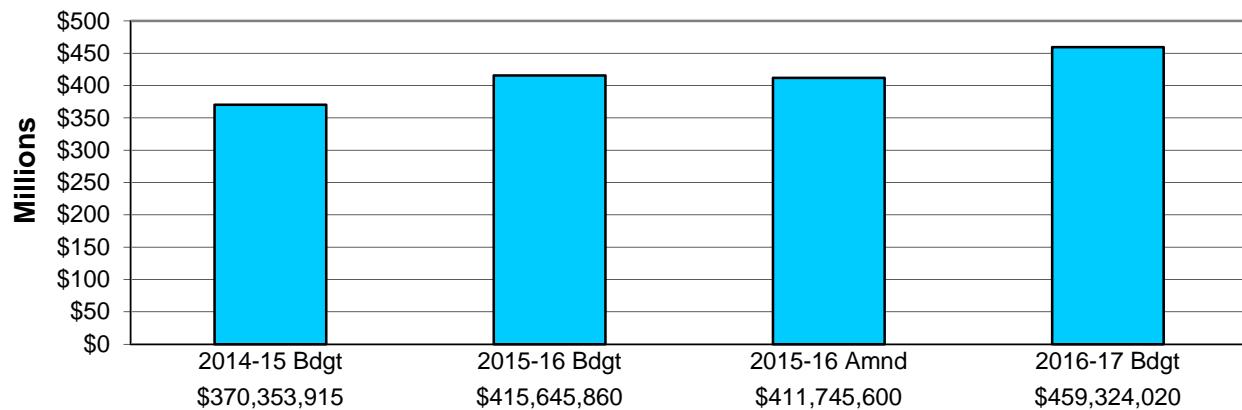
OVERALL BUDGET

The 2016-17 Annual All Systems Budget as proposed in the amount of \$459,324,020 includes funding for the following:

- Issuance of approximately \$412 million of revenue bonds to fund the District's capital programs.
- Construction of the Trinity River Main Stem Pump Station and Pipeline, 70 mgd expansion of Wylie Water Treatment Plant IV and an expansion of Wilson Creek Regional Wastewater Treatment Plant to 64 mgd.
- Construction of various expansion and improvement projects in the Regional Wastewater System, Regional Solid Waste System, Upper East Fork Interceptor System and Sewer System.
- 22 additional personnel.

Comparisons of the Budget for fiscal years 2014-15 through 2016-17 for All Systems are presented below.

ALL SYSTEMS BUDGET



The 2015-16 Amended Budget is expected to be \$3,900,260 less than the 2015-16 Original Budget, which reflects a 0.9% 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 2016-17 Budget requests an increase of \$43,678,160 or 10.5% over the 2015-16 Original Budget. This increase is primarily due to additional debt service requirements, personnel costs, chemical costs and implementation of a Capacity, Management, Operations and Maintenance (CMOM) Plan for wastewater collection and treatment activities.

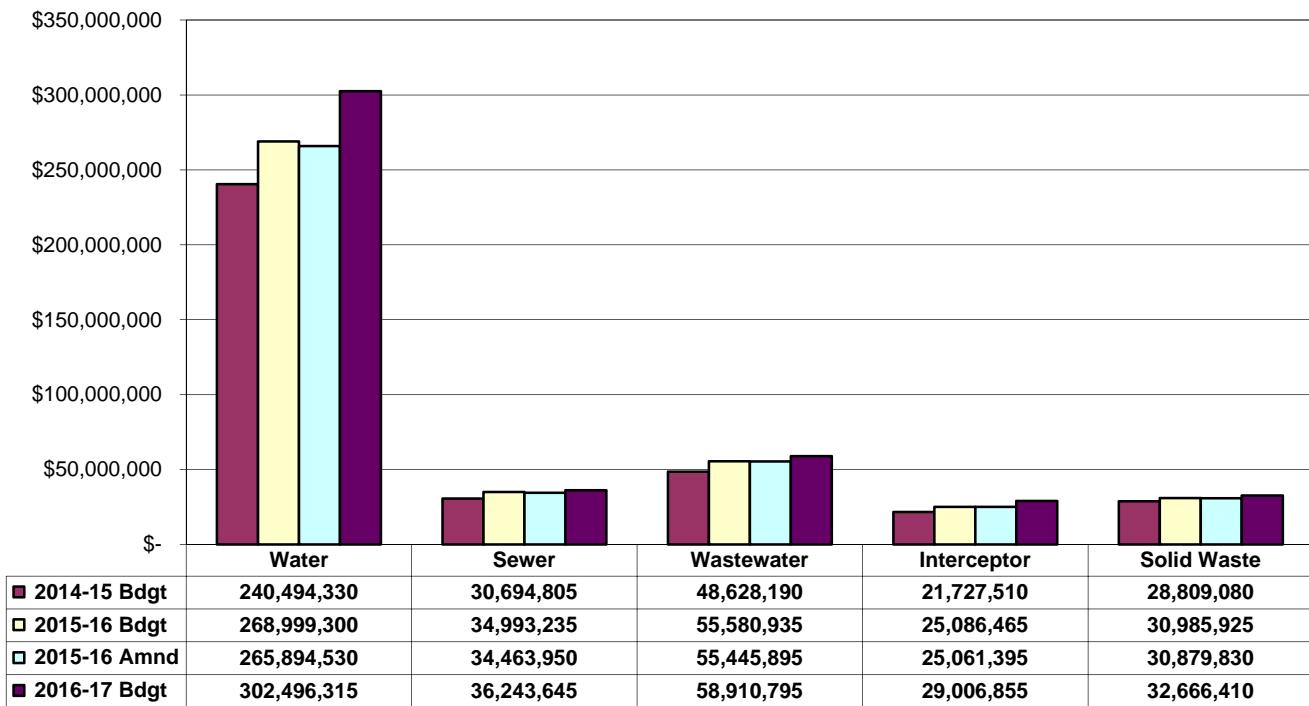
REVIEW BY SYSTEM

Comparisons of the Budget for fiscal years 2014-15 through 2016-17 by System are presented as follows.

BUDGET BY SYSTEM

System	2014-15 Budget	2015-16 Budget	2015-16 Amended	2016-17 Budget
Water	\$ 240,494,330	\$ 268,999,300	\$ 265,894,530	\$ 302,496,315
Sewer	30,694,805	34,993,235	34,463,950	36,243,645
Wastewater	48,628,190	55,580,935	55,445,895	58,910,795
Interceptor	21,727,510	25,086,465	25,061,395	29,006,855
Solid Waste	28,809,080	30,985,925	30,879,830	32,666,410
Total	\$ 370,353,915	\$ 415,645,860	\$ 411,745,600	\$ 459,324,020

BUDGET BY SYSTEM

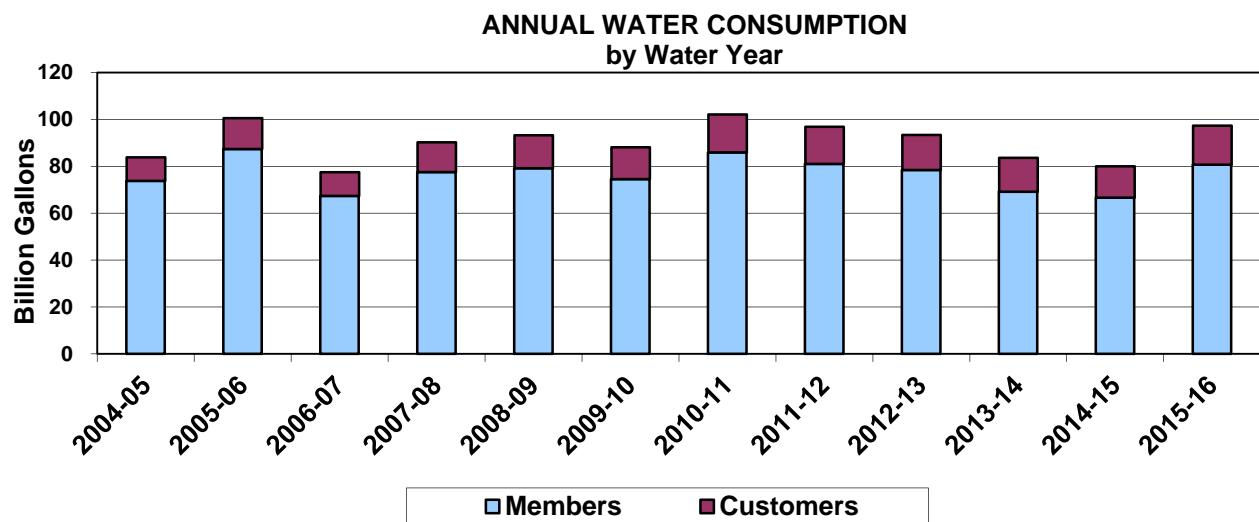


WATER SYSTEM

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 2015-16 water year (August 1, 2015 through July 31, 2016) was 97,341,261,000 gallons, which was 17,318,385,000 gallons, or 22% more than the previous year's consumption of 80,022,876,000 gallons and 14,688,031,000 gallons, or 13% less than the expected consumption of 112,029,292,000 gallons for the year. Historical water consumption is presented below.



Operating Condition

The current capacity of the Wylie Water Treatment Plant is 770 million gallons per day (mgd). This facility can be expanded in 70 mgd units up to its ultimate capacity of 910 mgd. At this time the District is engineering a 70 mgd expansion of the Wylie Water Treatment Plant and construction is expected to begin in fiscal year 2016-17. 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 is planned to commence in fiscal year 2016-17.

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, Wylie/Rockwall/Farmersville Pipeline improvements and electrical improvements at the Lake Chapman Pump Station.

Raw Water Supply

The District's raw water is currently supplied from Lavon Lake, which serves as the primary source of raw water, with supplemental supplies furnished by water rights held in Lake Texoma and Lake Jim Chapman and 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 million gallons per day (mgd) of the 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 2018 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 fifth cycle of planning for the Region C Water Planning Group, which is mandated to submit its completed report to the TWDB in 2021. 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 continuing to be a steward of water resources, the District initiated the state's 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 the consumers.

Since 2006, the District has invested \$14.4 million to develop and implement Water IQ. Since 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 sixteen weather stations 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 system if supplemental water is needed to maintain a healthy landscape. 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 is also participating 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.

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 water conservation. Research shows that only 15 percent of North Texas parents say 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 with a tour of 50 NTMWD Member City schools during the 2014-

2015 school year, reaching over 12,000 students. NTMWD remains committed for the implementation of the youth water awareness campaign, Water4Otter. Expansion of Water4Otter will include additional characters to represent wastewater, indirect reuse, watershed protection, and water quality. During the 2015-2016 presentations, Water4Otter introduced Farah the Fox, who educates on wastewater treatment and indirect reuse as a water supply. The in-school performances are supported by a 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 can learn more about Otis and his friends, and share digital images with friends and family. Water4Otter is teaching the next generation about responsible water use.

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 Raw Water Supply Project. Trinity River main stem pump station is projected to be online in 2018.
- Pursuing a 3-year temporary over drafting permit of Lake Lavon from the TCEQ.
- Completing the dredging of Lake Jim Chapman water intake channels to gain access to additional water in those reservoirs.

To meet long-term needs, the District is:

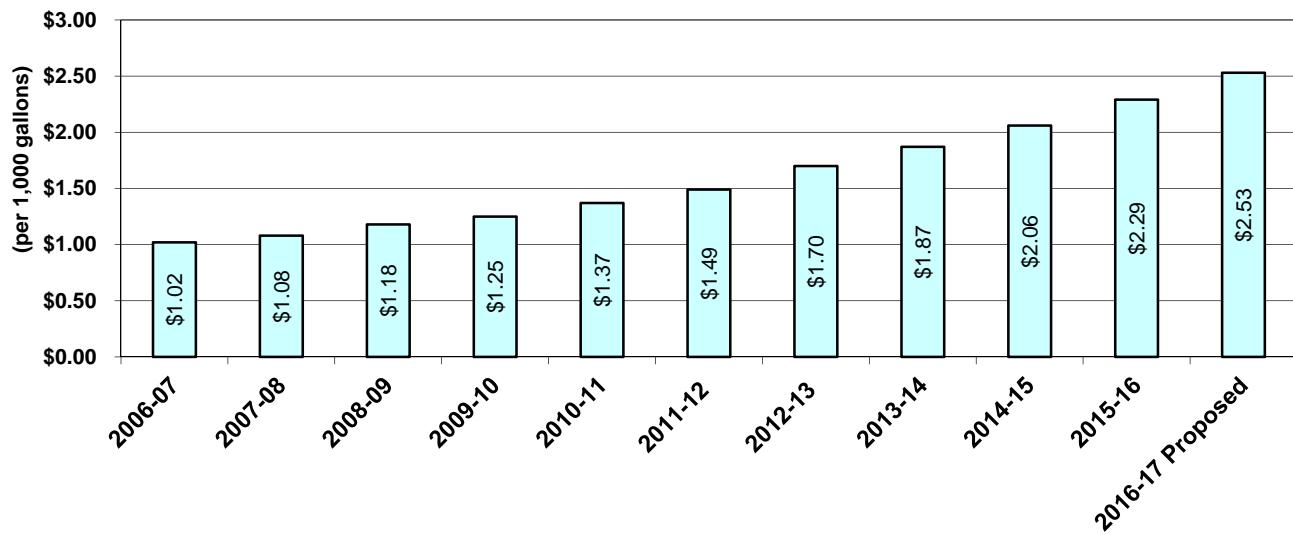
- Pursuing the development of the Lower Bois d’Arc Creek Reservoir, which is projected to supply 113 mgd and is currently scheduled to be online in 2022. The District was issued a Water Right from the Texas Commission on Environmental Quality on June 26, 2015. A U.S. Army Corps of Engineer’s Clean Water 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 in the District’s 2015 Water Plan:
 - 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 \$2.29 per 1,000 gallons to \$2.53 per 1,000 gallons and that the current Customer City Water Rate be adjusted from \$2.34 per 1,000 gallons to \$2.58 per 1,000 gallons on October 1, 2016. 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.

	<u>2015-16</u>	<u>Proposed 2016-17</u>	<u>Change</u>
Variable O&M Cost:			
Chemicals	\$ 0.21	\$ 0.22	\$ 0.01
Power	0.17	0.16	(0.01)
Water	<u>0.03</u>	<u>0.03</u>	-
Total	<u>0.41</u>	<u>0.41</u>	-
Fixed O&M Cost:			
Personnel	0.32	0.35	0.03
Supplies	0.05	0.05	-
Services	0.22	0.22	-
Capital Outlay	0.03	0.03	-
Other	<u>0.01</u>	<u>0.01</u>	-
Total	<u>0.63</u>	<u>0.66</u>	0.03
Capital Costs:			
Capital Improvement Fund	0.27	0.53	0.26
Debt Service	<u>0.98</u>	<u>0.93</u>	<u>(0.05)</u>
Total	<u>1.25</u>	<u>1.46</u>	<u>0.21</u>
Total Rate per 1,000	<u><u>\$ 2.29</u></u>	<u><u>\$ 2.53</u></u>	<u><u>\$ 0.24</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 2016-17 are scheduled at 114,045,150,000 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 remain the same at \$.41 per 1,000 gallons for Member Cities and \$.46 per 1,000 gallons for Customer Cities for 2016-17.

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 2015-16) 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 2015-16.

2015-16 POTENTIAL WATER REBATES

City	Minimum Annual Demand (1,000 Gallons)	WY16 Usage (1,000 Gallons)	Potential Rebate
Allen	6,011,208	5,511,594	\$ 204,841.74
Farmersville	280,467	171,813	44,548.14
Forney	1,625,905	1,849,256	-
Frisco	9,977,663	10,225,090	-
Garland	13,721,955	10,642,929	1,262,400.66
McKinney	10,150,735	10,762,780	-
Mesquite	8,297,666	6,045,214	923,505.32
Plano	26,719,809	21,460,479	2,156,325.30
Princeton	485,886	471,730	5,803.96
Richardson	11,019,311	8,545,084	1,014,433.07
Rockwall	3,330,881	2,580,448	307,677.53
Royse City	485,345	541,345	-
Wylie	1,721,763	1,877,558	-
Total	<u>93,828,594</u>	<u>80,685,320</u>	<u>\$ 5,919,535.72</u>

Budget Review

The 2015-16 Amended Budget is \$3,104,770 or 1.2% 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 \$252,544,083 for 2015-16. In addition, \$14,035,412 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 \$266,579,495 and total expenditures are expected to be \$265,894,530 resulting in a \$684,965 increase in the operating fund balance. The fund balance is expected to be \$29,492,799 at the end of the 2015-16 fiscal year.

Expenditures in the amount of \$302,496,315 are requested for the 2016-17 Budget, which are 33,497,015 or 12.5% greater than the 2015-16 Budget. This increase is primarily due to increased debt service cost of \$27,730,200, personnel expenses of \$4,640,345 for 13 additional personnel and salary adjustments and chemical costs of \$1,132,930.

2016-17 Member and Customer water sales revenues are projected to be \$289,452,981 which reflects a \$.24 per 1,000 gallons rate adjustment. Combined with other budgeted revenues of \$13,078,989, the total budgeted revenue for 2016-17 is \$302,531,970, which is \$33,515,535 or 12.5% greater than the 2015-16 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

Approximately \$66 million of revenue bonds for the Stewart Creek West Wastewater Treatment Plant 5 mgd expansion, which serves the city of Frisco, were issued in September 2015. Construction of the 5 mgd expansion to increase capacity to 10 mgd is planned to be completed in 2017. The 2016-17 Budget provides a full year of funding for the debt service requirements for this bond issue.

The District plans to issue \$3.0 million of revenue bonds prior to completion of 2015-16 to fund construction of the Parker Creek Parallel Interceptor and \$9.6 million of revenue bonds in September 2016 for expansion of the Sabine Creek Wastewater Treatment Plant from 1.5 mgd to 3 mgd. The Parker Creek Parallel Interceptor System serves the city of Fate and Sabine Creek Wastewater Treatment Plant serves the cities of Fate and Royse City. The 2016-17 Budget provides a full year of funding for the debt service requirements for these bond issues.

Due to increasing regulatory pressures to implement industry best practices in the sewer system, the District is currently developing 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, laboratory 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 2015-16 Amended Budget.

2015-16 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	*	158,740	\$ 273,740	\$ -	\$ 273,740	\$ 1.72
Frisco/Cottonwood Crk		52,566	153,685	-	153,685	2.92
Lavon		48,644	147,785	-	147,785	3.04
Muddy Creek		2,532,792	3,608,385	2,222,360	5,830,745	1.42
North Rockwall		269,580	521,005	-	521,005	1.93
Panther Creek		1,611,796	3,978,665	4,209,305	8,187,970	2.47
South Rockwall		524,406	1,028,680	257,080	1,285,760	1.96
Sabine Creek		464,840	761,355	834,520	1,595,875	1.64
Seis Lagos		56,954	155,740	-	155,740	2.73
Stewart Creek		1,315,280	2,454,760	5,627,250	8,082,010	1.87

* Includes two plants.

The O&M unit cost varies from a high of \$3.04 per 1,000 gallons at the Stewart Creek Wastewater Treatment Plant to a low of \$1.72 per 1,000 gallons at the Farmersville Wastewater Treatment Plant. The differences in unit cost are due to the various factors mentioned above.

Budget Review

The 2015-16 Amended Budget is \$529,285 or 1.5% less than the Original Budget. This decrease is primarily the result of a \$201,755 reduction in chemicals, \$149,990 of savings associated with the Lower East Fork Interceptor bond refunding and \$187,750 of savings in debt service costs associated with the Parker Creek Interceptor bond sale. The Parker Creek Interceptor bond sale was originally scheduled in February 2016 but was rescheduled to August 2016 as new interceptor system to be named Parker Creek Parallel Interceptor.

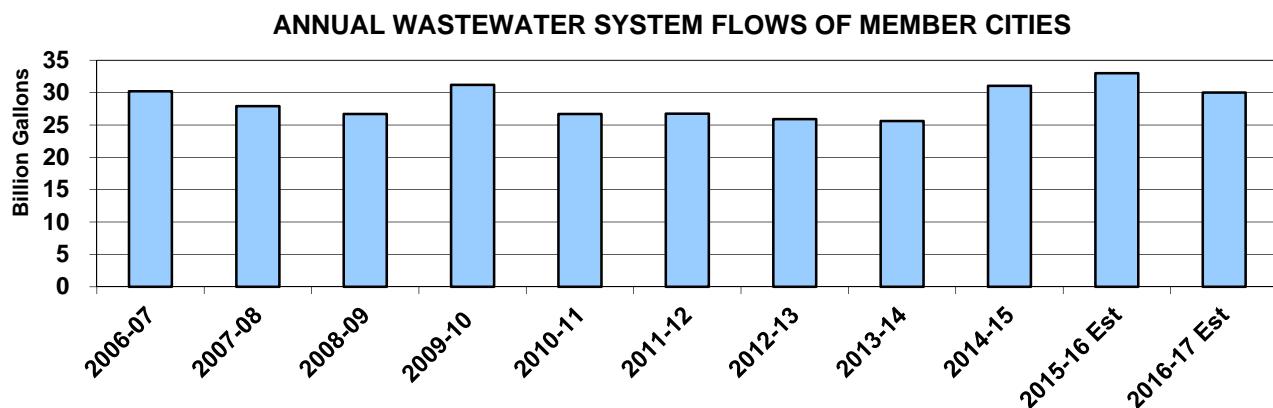
Expenditures in the amount of \$36,243,645 are requested for the 2016-17 Budget, which is \$1,250,410 or 3.6% more than the 2015-16 Budget. This increase is primarily the net result from an increase of approximately \$1 million in services due to implementation of a Capacity, Management, Operation and Maintenance (CMOM) Plan, increases of \$130,050 in mechanical supplies, \$99,210 in safety supplies and filter media at the Panther Creek Wastewater Treatment Plant in the amount of \$82,000.

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 94.6 mgd. Member City annual flows for 2015-16 are estimated to be 33.0 billion gallons and Member City annual flows for 2016-17 are estimated to be 30.0 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 80.2% of total capacity.

In 2016-17 the District is planning to issue \$74 million of revenue bonds to fund an 8 mgd expansion at the Wilson Creek Plant and various system improvements including optimization process improvements at the Floyd Branch WWTP and aeration system improvements at the South Mesquite WWTP.

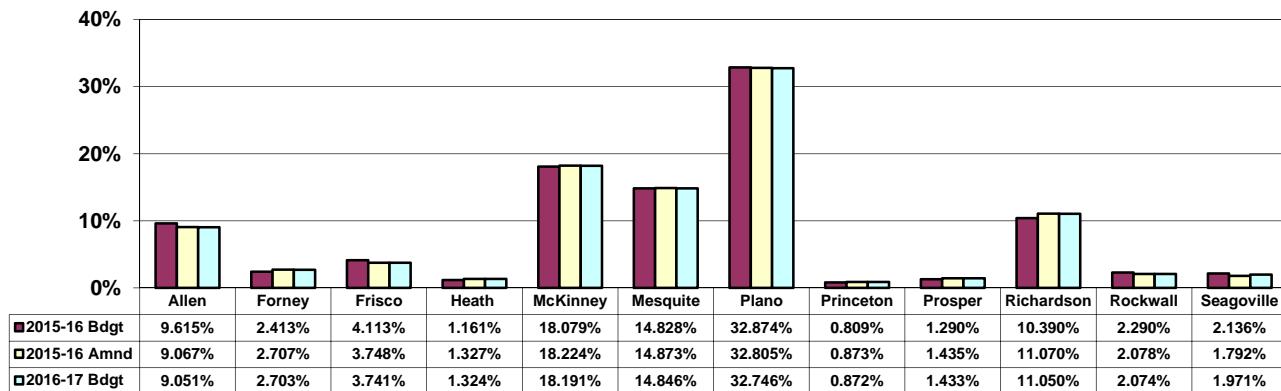
Charges for Service

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

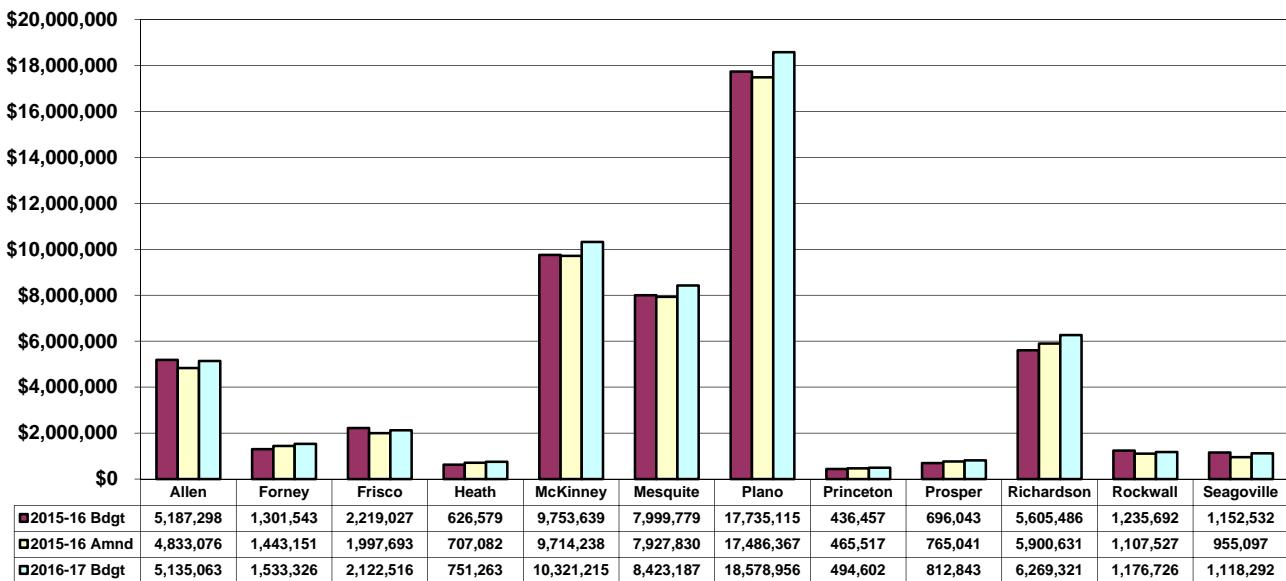
four regional plants. Charges are based on current budgeted expenditures and are allocated to each city at the beginning of the year based on estimated flows. At the end of the year the actual cost for each city is determined based on actual flows and final billings are adjusted accordingly.

The total charges to be allocated to the cities for 2016-17 are \$56,737,310 after deducting interest income and other revenue in the estimated amount of \$2,173,485 from the proposed budget of \$58,910,795. Cost allocations and charges by city for the 2015-16 Budget, 2015-16 Amended Budget and 2016-17 Budget are presented below.

WASTEWATER SYSTEM COST ALLOCATION



WASTEWATER SYSTEM CITY CHARGES



Budget Review

The 2015-16 Amended Budget is \$135,040 or 0.24% less than the Original Budget. This decrease is primarily the net result of \$328,350 in savings to chemical expenses, \$405,625 of savings in Electric

Power and other services and an increase of \$630,215 in capital outlay expenses for the purchase of 2 transport trucks, a primary clarifier and various pumps.

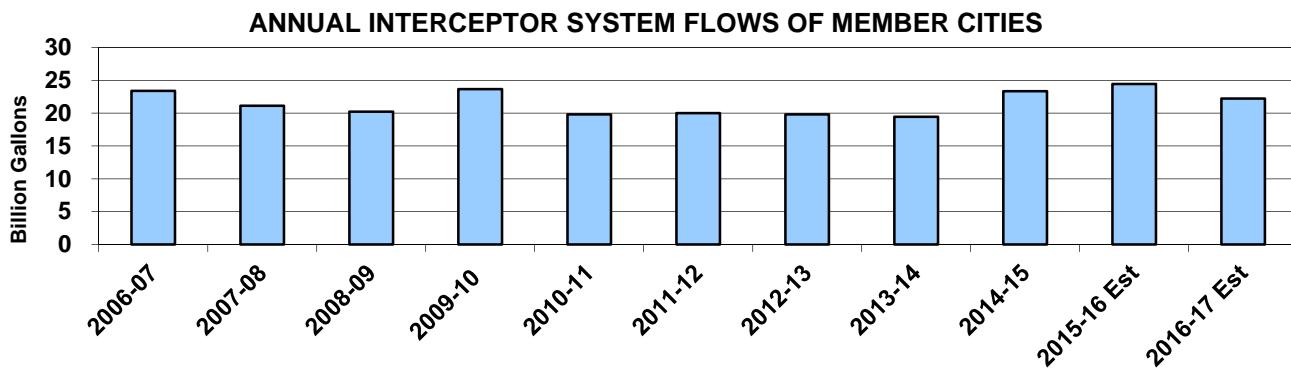
Expenditures in the amount of \$58,910,795 are requested for the 2016-17 Budget, which are \$3,329,860 or 6% more than the 2015-16 Budget. This increase is primarily the net result of additional debt service costs of \$3,934,525 associated with the issuance of \$74 million in revenue bonds in 2016-17 and a full year of debt service requirement for the \$59 million in revenue bonds issued in 2015-16, and favorable electric power contracts resulting in approximately \$712,000 in savings.

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 69.6 mgd of wastewater for Member Cities to the Regional Wastewater System for treatment. Member City annual flows for 2015-16 are expected to be 24.4 billion gallons, which is 17.5% more than expected for the year. Member City annual flows for 2016-17 are estimated to be 22.2 billion gallons. Member City flow information is presented below.



Interceptor Facilities

The District is currently completing several interceptor projects, including improvements to the Wilson Creek Gravity Interceptor, construction of the Upper Rowlett/Cottonwood Creek Parallel Force Main, construction of the Dublin Road Relift Station, generators for Preston Road Lift Station, Prairie Creek Lift Station and Beck Branch Lift Station and construction of Beck Branch Interceptor improvements phase 1.

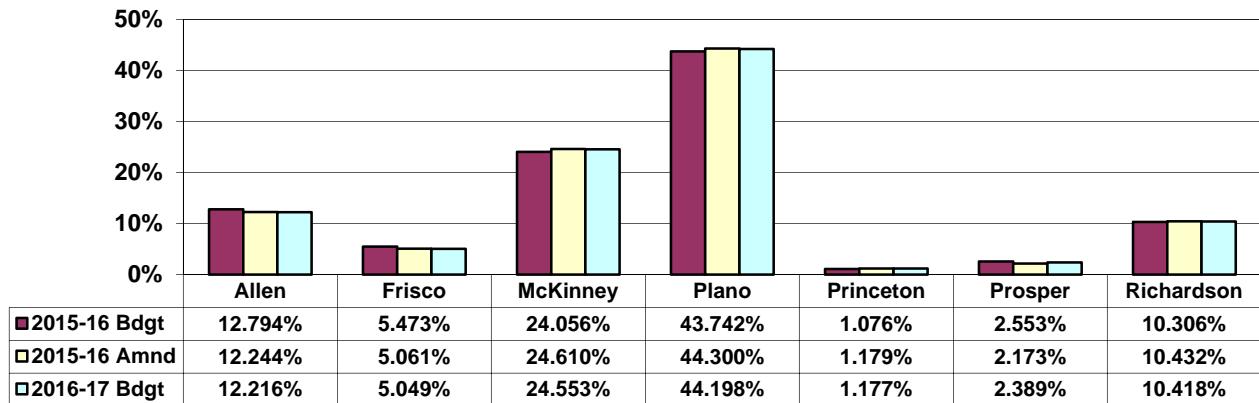
In 2016-17 the District is planning to issue \$42 million of revenue bonds to fund the construction of various system improvements including construction of the Princeton Parallel Force Main, Princeton Lifts Station improvements, Indian Creek Force Main improvements, Beck Branch Interceptor improvements, Wilson Creek Lift Station improvements and North McKinney Lift Station improvements. The 2016-17 Budget provides funding for the debt service requirements for this bond issue.

Charges for Service

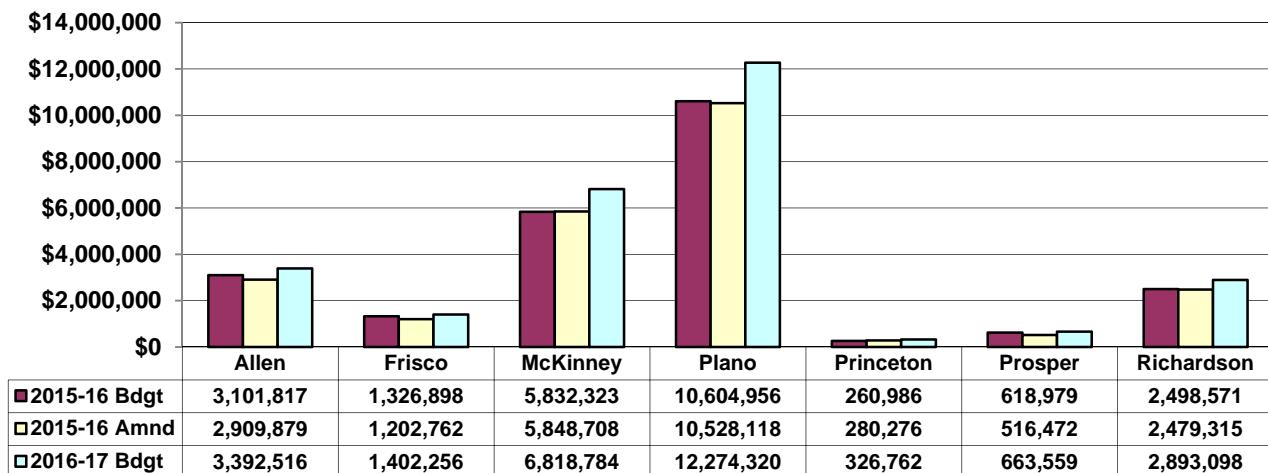
The System has been constructed under a common bond pledge and the participating cities share the cost for wastewater transportation on the basis of proportional flows. Charges are based on current budgeted expenditures and are allocated to each city at the beginning of the year based on estimated flows. 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 2016-17 are \$27,771,295 after deducting interest income and other revenue in the estimated amount of \$1,235,560 from the proposed budget of \$29,006,855. The charts below present the cost allocations and charges by city for the 2015-16 Budget, 2015-16 Amended Budget and 2016-17 Budget.

INTERCEPTOR SYSTEM COST ALLOCATION



INTERCEPTOR SYSTEM CHARGES BY CITY



Budget Review

The 2015-16 Amended Budget is \$25,070 or 0.1% less than the Original Budget.

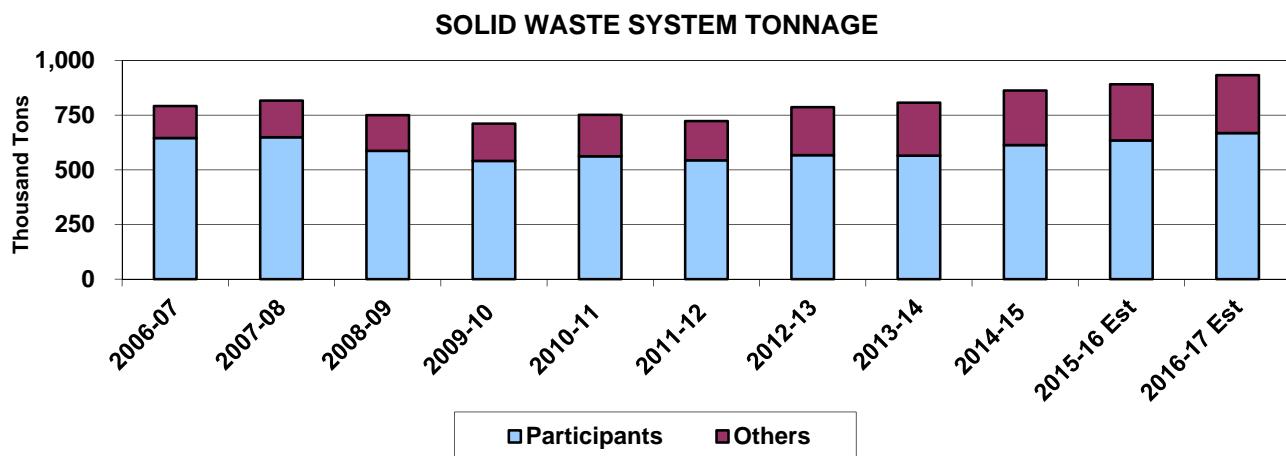
Expenditures in the amount of \$29,006,855 are requested for the 2016-17 Budget, which is \$3,920,390 or 15.6% more than the 2015-16 Budget. This increase is primarily the net result of additional debt service requirements of \$1,936,525 associated with the issuance of \$42 million of revenue bonds in 2016-17 in addition to a full year of debt service requirement for \$25 million in revenue bonds issued in 2015-16, a \$1,200,000 capacity assessment, \$400,000 associated with implementing a Capacity, Management, Operation and Maintenance (CMOM) plan and \$380,000 for a lift station assessment.

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 639,817 tons of waste will be received from the participating cities during 2015-16 and that the participating cities will deliver 667,951 tons to the District in 2016-17. Solid waste tonnage information is presented on the following page.



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 40 years.

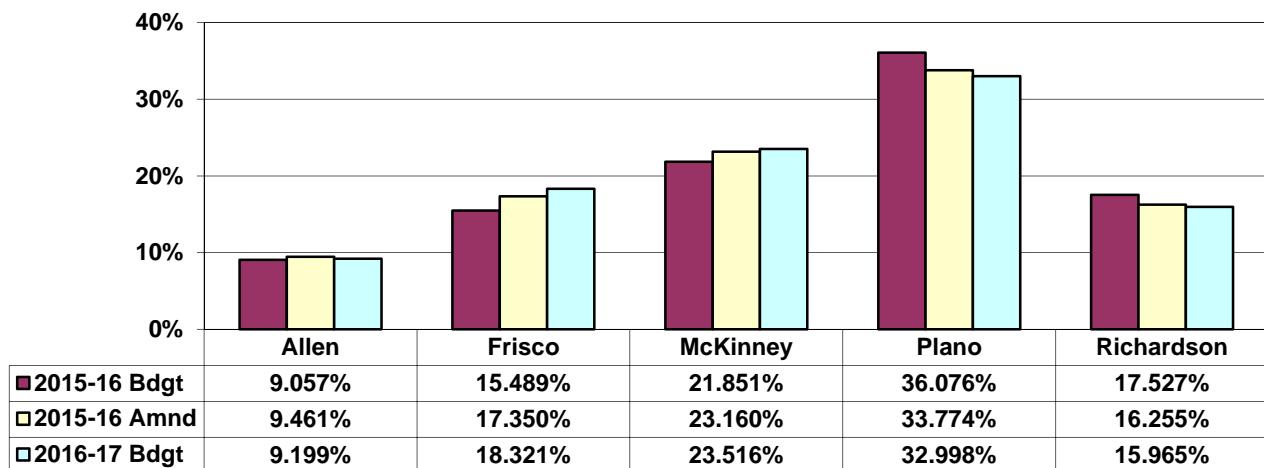
The District is planning to issue \$13 million of revenue bonds to various improvements including 121 RDF Fleet Maintenance Shop paving, construction of a service center and construction of a leachate lift station and gravity sewer. The 2016-17 Budget provides funding for the debt service requirements for this bond issue.

Charges for Service

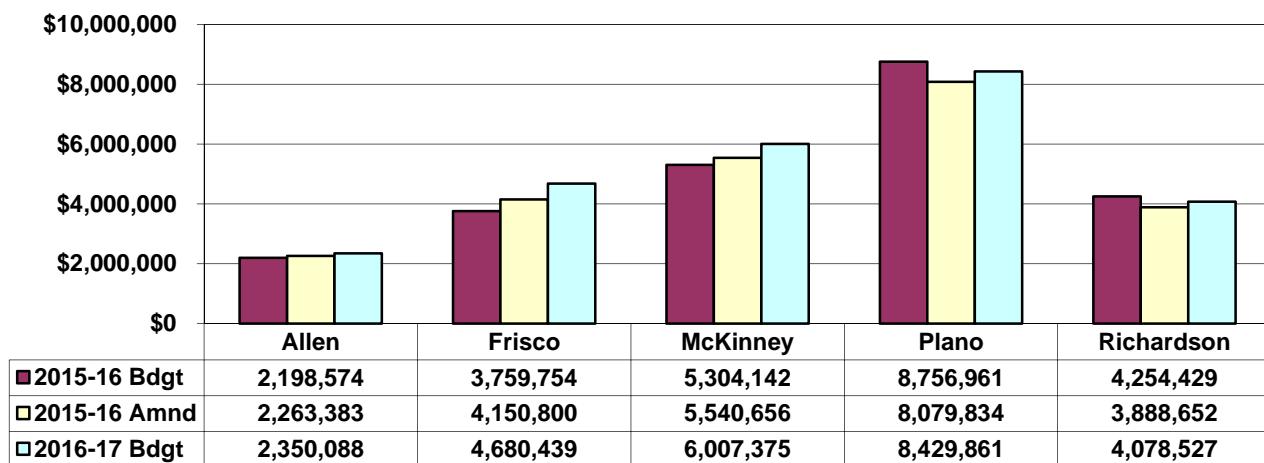
The System has been developed under a common bond pledge and the participating cities share the cost of solid waste transfer and disposal services on the basis of contributed tonnage. At the beginning of each year, operations and maintenance charges are allocated to each city based on estimated tonnage 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 2016-17 are \$25,546,290 after deducting interest and other revenue in the estimated amount of \$7,120,120 from the proposed budget of \$32,666,410. Cost allocations and charges by city for the 2015-16 Budget, 2015-16 Amended Budget and 2016-17 Budget are presented on the following page.

SOLID WASTE SYSTEM COST ALLOCATION



SOLID WASTE SYSTEM CHARGES BY CITY



Budget Review

The 2015-16 Amended Budget is \$106,095 less than the Original Budget.

Expenditures in the amount of \$32,666,410 are requested for the 2016-17 Budget, which are \$1,680,485 or 5.4% more than the 2015-16 Budget. This increase is primarily the net result of an increase in debt service requirements of \$966,395 associated with the \$13 million of revenue bonds to be issued in 2016-17, capital outlay costs of \$325,315 and additional capital improvement funding of \$220,000.

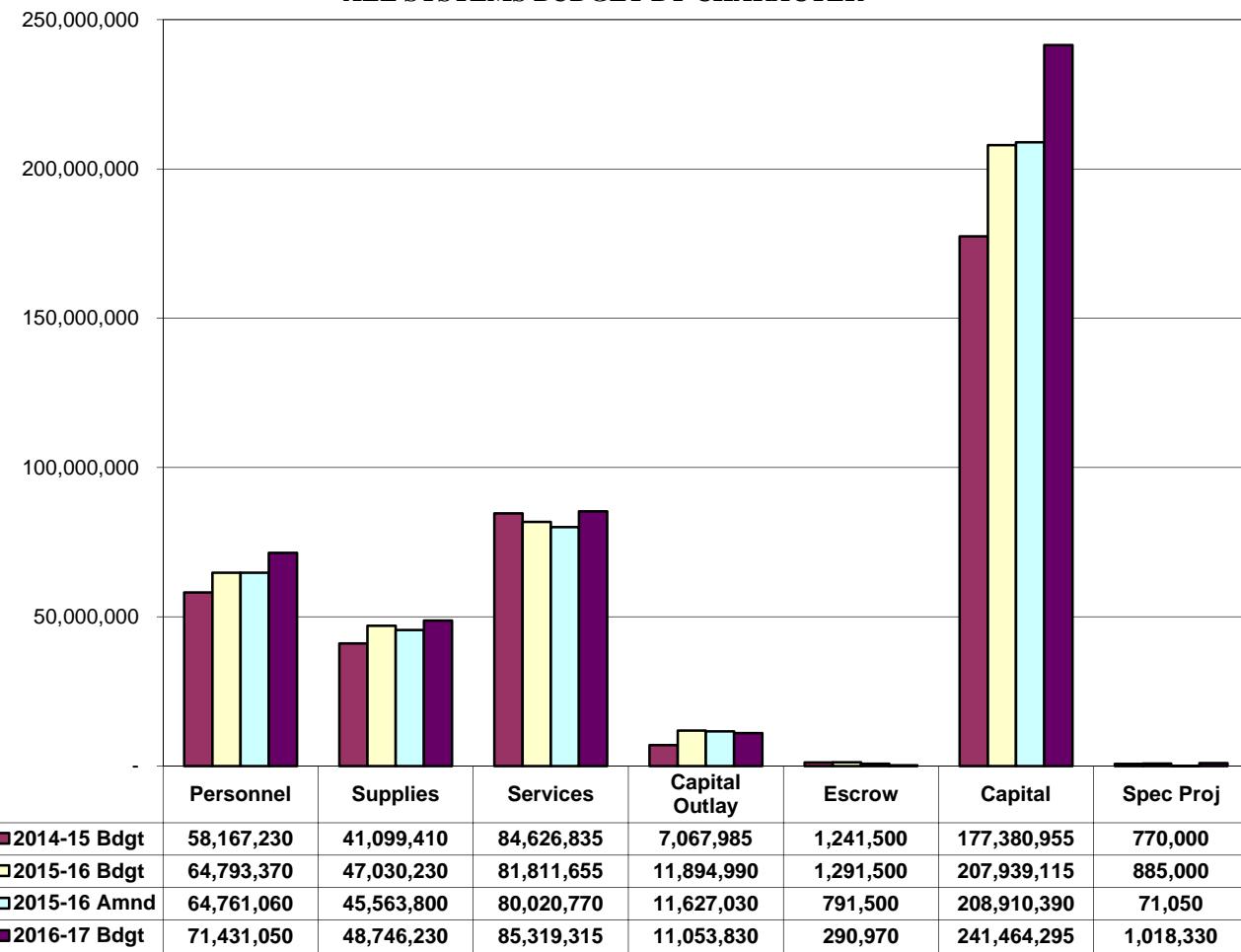
REVIEW BY CHARACTER

The following is a comparison of the Budget for fiscal years 2014-15 through 2016-17 by Character.

ALL SYSTEMS BUDGET BY CHARACTER

Character	2014-15 Budget	2015-16 Budget	2015-16 Amended	2016-17 Budget
Personnel	\$ 58,167,230	\$ 64,793,370	\$ 64,761,060	\$ 71,431,050
Supplies	41,099,410	47,030,230	45,563,800	48,746,230
Services	84,626,835	81,811,655	80,020,770	85,319,315
Capital Outlay	7,067,985	11,894,990	11,627,030	11,053,830
Escrow	1,241,500	1,291,500	791,500	290,970
Capital	177,380,955	207,939,115	208,910,390	241,464,295
Special Projects	770,000	885,000	71,050	1,018,330
Total	\$ 370,353,915	\$ 415,645,860	\$ 411,745,600	\$ 459,324,020

ALL SYSTEMS BUDGET BY CHARACTER



PERSONNEL

The 2015-16 Amended Budget is \$32,310 or .05% less than the Original Budget.

The 2016-17 Budget is \$6,637,680 or 10.2% greater than the 2015-16 Budget and includes funding for a net of 22 additional positions, a full year funding for 78 positions added for fiscal year 2016 and consideration of 3% performance based salary adjustments. Also included is a 2% cost of living adjustment.

The net number of employees is projected to increase by 22 or 2.9% to 773 in 2016-17. 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.

Operations	2015-16	2016-17	2016-17
	Total	Requested	Total
Water	448	13	461
Wastewater	205	6	211
Solid Waste	98	3	101
Total	<u>751</u>	<u>22</u>	<u>773</u>

SUPPLIES

The 2015-16 Amended Budget is \$1,466,430 or 3.12% less than the Original Budget. This decrease is primarily due to reduced chemical costs of \$1,313,940 and reduced fuel costs of \$754,345. The decrease in chemical costs resulted from reduced water consumption. These decreases are partially offset by increases in filter sand at the Wilson Creek Wastewater Treatment Plant and the Muddy Creek Wastewater Treatment Plant in the amount of \$257,750, anthracite at the Wylie Water Treatment Plant of \$185,610, laboratory supplies of \$75,150 and road maintenance supplies at the 121 Regional Disposal Facility in the amount of \$60,000.

The 2016-17 Budget is \$1,716,000 or 3.6% more than the 2015-16 Budget. This increase is primarily due to an increase in chemical costs of \$1,202,860, replacement anthracite of \$350,000 and road maintenance supplies of \$125,000 at the Wylie Water Treatment Plant.

SERVICES

The 2015-16 Amended Budget is \$1,790,885 or 2.2% less than the Original Budget. This decrease is primarily the net result of reduced power costs of \$2,519,030, raw water purchases of \$2,756,500 that resulted from reduced water consumption, and is offset by increases in uninsured losses of \$2,068,005 due to a hail storm, equipment maintenance of \$612,480 and engineering consulting services of \$551,700.

The 2016-17 Budget is \$3,507,660 or 4.3% more than the 2015-16 Budget. This increase is primarily due to implementation of Capacity Management Operation Maintenance (CMOM) programs & Capacity/Condition Assessments of \$3,754,100 in the Regional Wastewater System, Upper East Fork Interceptor System and Sewer Systems.

CAPITAL OUTLAY

The 2015-16 Amended Budget is \$267,960 or 2.3% less than the Original Budget due to favorable bids on vehicle equipment in the Regional Solid Waste System.

The 2016-17 Budget is \$841,160 or 7.1% less than the 2015-16 Budget. The 2016-17 Capital Outlay Schedule is included in the Appendix of this budget document. In addition to landfill development costs major capital outlay items requests for 2016-17 include 2 articulated dump trucks, a compactor, 28 pickups, 6 tipper trailers and a wheel loader.

ESCROW

The 2015-16 Amended Budget is \$500,000 or 38.7% less than the Original Budget. This decrease is due to a reduction in funding of the Chapman Reserve for Maintenance Fund.

The 2016-17 Budget is \$1,000,530 or 77.5% less than the 2015-16 Budget. This decrease is primarily the net result of reductions of funding in the amount of \$450,000 for the Chapman Reserve for Maintenance Fund, reduced funding of the Solid Waste Equipment Replacement Fund in the amount of \$550,000, reduced funding of the Regional Wastewater System Reserve for Maintenance Fund in the amount of \$100,000 and the initial funding of various Preventative Maintenance Funds in the amount of \$126,960. These Preventative Maintenance Funds enable periodic maintenance activities such as manhole rehabilitation, pipeline cleaning and condition assessment.

CAPITAL

The 2015-16 Amended Budget is \$971,275 or .5% more than the Original Budget. This increase is primarily due to transferring funding of \$500,000 from the Chapman Reserve for Maintenance Escrow Fund to the RWS Capital Improvement Fund and a project reimbursement of \$810,000 from the City of Irving to the RWS Capital Improvement Fund. These increases are partially offset by savings in the amounts of \$149,990 due to the Lower East Fork Interceptor System bond refunding and \$187,750 associated with the Parker Creek Parallel Interceptor bond sale.

The 2016-17 Budget is \$33,525,180 or 16.1% more than the 2015-16 Budget. This increase is primarily due additional requirements for bond issuances of \$284 million for the Water System, \$74 million for the Wastewater System, \$42 million for the Upper East Fork Interceptor System and \$13 million for the Regional Solid Waste System that are planned for 2016-17. Lists of the projects to be funded by the planned bond issues are included in the Appendix of this budget document. The 2016-17 Budget includes funding for the required debt service payments related to these bond issues.

SPECIAL PROJECTS

The 2015-16 Amended Budget is \$813,950 or 92.0% less than the Original Budget primarily due to the timing of pump and pipeline repair projects in the Regional Water System.

The 2016-17 Budget is \$133,330 or 15.1% more than the 2015-16 Budget. This increase is due to additional funding for various projects within the Regional Wastewater System.

RECOMMENDATION

The 2016-17 Annual All Systems Budget as proposed in the amount of \$459,324,020 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 22, 2016, 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

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2016 - 2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

2016 - 2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

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2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE COMPARISON

BY FUNCTION AND BY CHARACTER

BY FUNCTION	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
5310 GENERAL	\$ 7,108,674	\$ 7,576,623	\$ 4,778,855	\$ 5,222,070	\$ 5,053,920
5311 PUBLIC INFORMATION SERVICES	1,564,477	1,904,714	387,820	426,110	447,695
5313 INFORMATION TECHNOLOGY	-	-	3,757,290	3,913,105	4,369,715
5320 ADMINISTRATION	2,997,668	3,258,070	4,227,815	4,273,570	4,497,290
5330 PLANT OPERATIONS	29,856,129	33,336,879	45,809,355	45,791,670	48,821,875
5331 TEXOMA PS	289,953	1,223,214	1,118,500	1,689,780	1,633,225
5332 CHAPMAN PS	648,202	577,769	2,395,810	424,460	1,347,960
5333 TAWAKONI RAW WTR PS & WTP	14,535,998	11,691,631	10,417,615	7,402,915	10,602,715
5334 EAST FORK RAW WTR SUPPLY	6,403,994	4,408,681	5,588,265	4,347,790	5,573,360
5335 BONHAM WTP	1,165,701	1,245,184	1,452,335	1,424,490	1,746,635
5340 FACILITIES SERVICES	13,984,490	12,168,825	16,979,060	17,035,335	16,148,645
5350 TECHNICAL SERVICES	7,367,647	7,832,780	8,810,130	9,640,510	9,772,260
5360 LABORATORY SERVICES	2,914,737	2,901,320	3,475,745	3,328,450	3,805,720
5370 ENGINEERING SERVICES	5,840,347	7,180,150	9,462,830	9,298,425	9,638,350
5380 ENVIRONMENTAL SERVICES	786,073	884,248	1,173,645	1,161,085	1,334,965
5381 PERMITTING	-	278,950	1,077,110	1,077,715	1,161,555
5382 REGULATORY COMPLIANCE	-	141,902	436,570	477,385	1,159,680
5999 DEBT SERVICE	111,033,229	128,056,244	147,650,550	148,959,665	175,380,750
TOTAL	\$ 206,497,320	\$ 224,667,182	\$ 268,999,300	\$ 265,894,530	\$ 302,496,315

BY CHARACTER

PERSONNEL	\$ 31,559,351	\$ 33,817,537	\$ 39,015,915	\$ 38,847,060	\$ 43,656,260
SUPPLIES	19,686,675	21,598,439	29,819,840	29,237,180	31,215,615
SERVICES	42,764,952	39,554,778	48,308,845	45,834,815	48,317,085
CAPITAL OUTLAY	1,213,692	1,571,925	3,104,150	2,965,810	3,233,275
ESCROW	50,000	50,000	500,000	-	50,000
CAPITAL IMPROVEMENT FUND	23,200,000	34,200,000	31,350,000	63,902,555	63,600,000
DEBT SERVICE	87,833,229	93,856,244	116,300,550	85,057,110	111,780,750
SPECIAL PROJECTS	189,421	18,259	600,000	50,000	643,330
TOTAL	\$ 206,497,320	\$ 224,667,182	\$ 268,999,300	\$ 265,894,530	\$ 302,496,315

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

BUDGET SUMMARY

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
<u>Revenues:</u>					
Treated Water Sales:					
Members	\$ 164,415,562	\$ 179,481,426	\$ 214,962,669	\$ 209,429,503	\$ 240,426,209
Customers	33,494,197	36,337,799	42,460,367	43,114,579	49,026,772
Retail Customers	18,633	24,120	27,000	22,600	23,000
Raw Water Sales	2,529	4,168	2,300	3,310	3,400
Total	<u>197,930,921</u>	<u>215,847,513</u>	<u>257,452,335</u>	<u>252,569,992</u>	<u>289,479,381</u>
Other Charges:					
Administrative	3,223,155	3,616,760	5,068,955	5,068,955	4,775,460
IT Services	-	48,610	217,655	120,955	832,695
Laboratory	1,923,345	1,934,300	2,133,305	2,133,305	2,325,340
Maintenance & Technical Services	665,232	799,998	790,200	1,041,795	999,150
Permitting	-	-	538,555	538,555	591,660
Regulatory Compliance	-	-	240,115	240,115	657,770
Research & Development	552,750	689,180	590,935	590,935	685,605
Inspectors	1,540,636	1,707,853	1,660,000	1,843,000	1,850,000
Other	1,128,465	471,972	311,379.77	2,374,033	322,859
Total	<u>9,033,583</u>	<u>9,268,673</u>	<u>11,551,100</u>	<u>13,951,648</u>	<u>13,040,539</u>
Interest Income	10,133	15,891	13,000	57,855	61,000
Total	<u><u>\$ 206,974,637</u></u>	<u><u>\$ 225,132,077</u></u>	<u><u>\$ 269,016,435</u></u>	<u><u>\$ 266,579,495</u></u>	<u><u>\$ 302,580,920</u></u>
<u>Expenditures:</u>					
Personnel:					
Salaries & Wages	\$ 20,875,303	\$ 22,883,618	\$ 27,532,520	\$ 27,300,250	\$ 30,535,865
Other	10,684,049	10,933,919	11,483,395	11,546,810	13,120,395
Total	<u>31,559,351</u>	<u>33,817,537</u>	<u>39,015,915</u>	<u>38,847,060</u>	<u>43,656,260</u>
Supplies:					
Fuel	500,637	449,201	541,210	369,460	423,340
Chemicals	16,224,957	17,725,800	23,458,690	22,977,855	24,591,620
Other	2,961,080	3,423,438	5,819,940	5,889,865	6,200,655
Total	<u>19,686,675</u>	<u>21,598,439</u>	<u>29,819,840</u>	<u>29,237,180</u>	<u>31,215,615</u>
Services:					
Power	19,856,736	17,280,686	19,815,260	18,106,605	18,922,870
Water Purchases	11,249,696	6,909,337	6,286,525	3,530,025	6,703,495
Other	11,658,520	15,364,755	22,207,060	24,198,185	22,690,720
Total	<u>42,764,952</u>	<u>39,554,778</u>	<u>48,308,845</u>	<u>45,834,815</u>	<u>48,317,085</u>
Capital Outlay	1,213,692	1,571,925	3,104,150	2,965,810	3,233,275
Escrow - Rsv for Maint	50,000	50,000	500,000	-	50,000
Capital Improvement Fund	23,200,000	34,200,000	31,350,000	63,902,555	63,600,000
Debt Service	87,833,229	93,856,244	116,300,550	85,057,110	111,780,750
Special Projects	189,421	18,259	600,000	50,000	643,330
Total	<u><u>\$ 206,497,320</u></u>	<u><u>\$ 224,667,182</u></u>	<u><u>\$ 268,999,300</u></u>	<u><u>\$ 265,894,530</u></u>	<u><u>\$ 302,496,315</u></u>
Revenues Over / (Under) Expenditures	<u>477,316</u>	<u>464,895</u>	<u>17,135</u>	<u>684,965</u>	<u>84,605</u>

2016-2017 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5310 GENERAL**

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 3,795,555	\$ 3,280,666	\$ 1,801,585	\$ 1,821,850	\$ 2,340,615
SUPPLIES	420,139	561,111	39,970	64,870	41,520
SERVICES	2,568,048	3,592,403	2,660,800	3,297,500	2,578,455
CAPITAL OUTLAY	147,310	124,184	26,500	37,850	-
SPECIAL PROJECTS	177,621	18,259	250,000	-	93,330
TOTAL	\$ 7,108,674	\$ 7,576,623	\$ 4,778,855	\$ 5,222,070	\$ 5,053,920

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5310 GENERAL

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 2,577,976	\$ 2,191,177	\$ 1,165,270	\$ 1,065,115	\$ 1,760,475
Other	1,217,579	1,089,489	636,315	756,735	580,140
Total	<u>3,795,555</u>	<u>3,280,666</u>	<u>1,801,585</u>	<u>1,821,850</u>	<u>2,340,615</u>
Supplies:					
Fuel	22,630	10,138	5,100	5,100	5,100
Chemicals	-	-	-	-	-
Other	397,509	550,973	34,870	59,770	36,420
Total	<u>420,139</u>	<u>561,111</u>	<u>39,970</u>	<u>64,870</u>	<u>41,520</u>
Services:					
Power	605	(42)	-	49,000	44,000
Water Purchases	-	-	-	-	-
Other	2,567,443	3,592,445	2,660,800	3,248,500	2,534,455
Total	<u>2,568,048</u>	<u>3,592,403</u>	<u>2,660,800</u>	<u>3,297,500</u>	<u>2,578,455</u>
Capital Outlay	147,310	124,184	26,500	37,850	-
Special Projects	<u>177,621</u>	<u>18,259</u>	<u>250,000</u>	<u>-</u>	<u>93,330</u>
Total	<u><u>\$ 7,108,674</u></u>	<u><u>\$ 7,576,623</u></u>	<u><u>\$ 4,778,855</u></u>	<u><u>\$ 5,222,070</u></u>	<u><u>\$ 5,053,920</u></u>

2016-2017 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5311 PUBLIC RELATIONS / INFORMATION SERVICES**

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 209,153	\$ 240,421	\$ 198,625	\$ 231,085	\$ 253,425
SUPPLIES	5,662	9,958	23,505	10,985	5,970
SERVICES	1,344,555	1,571,081	165,690	184,040	188,300
CAPITAL OUTLAY	5,108	83,253	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 1,564,477	\$ 1,904,714	\$ 387,820	\$ 426,110	\$ 447,695

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5311 PUBLIC RELATIONS / INFORMATION SERVICES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 149,224	\$ 178,322	\$ 138,595	\$ 180,405	\$ 207,395
Other	59,929	62,099	60,030	50,680	46,030
Total	<u>209,153</u>	<u>240,421</u>	<u>198,625</u>	<u>231,085</u>	<u>253,425</u>
Supplies:					
Fuel	1,580	1,245	1,200	1,200	1,200
Chemicals	-	-	-	-	-
Other	4,082	8,713	22,305	9,785	4,770
Total	<u>5,662</u>	<u>9,958</u>	<u>23,505</u>	<u>10,985</u>	<u>5,970</u>
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	1,344,555	1,571,081	165,690	184,040	188,300
Total	<u>1,344,555</u>	<u>1,571,081</u>	<u>165,690</u>	<u>184,040</u>	<u>188,300</u>
Capital Outlay	5,108	83,253	-	-	-
Special Projects	-	-	-	-	-
Total	\$ 1,564,477	\$ 1,904,714	\$ 387,820	\$ 426,110	\$ 447,695

2016-2017 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5313 INFORMATION TECHNOLOGY**

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ 1,389,060	\$ 1,354,910	\$ 2,130,870
SUPPLIES	-	-	1,085,010	895,645	963,215
SERVICES	-	-	860,220	1,239,550	805,130
CAPITAL OUTLAY	-	-	423,000	423,000	470,500
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ 3,757,290	\$ 3,913,105	\$ 4,369,715

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5313 INFORMATION TECHNOLOGY

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ 1,100,690	\$ 1,073,295	\$ 1,558,585
Other	-	-	288,370	281,615	572,285
Total	-	-	1,389,060	1,354,910	2,130,870
Supplies:					
Fuel	-	-	22,360	7,500	14,215
Chemicals	-	-	-	-	-
Other	-	-	1,062,650	888,145	949,000
Total	-	-	1,085,010	895,645	963,215
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	-	-	860,220	1,239,550	805,130
Total	-	-	860,220	1,239,550	805,130
Capital Outlay	-	-	423,000	423,000	470,500
Special Projects	-	-	-	-	-
Total	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 3,757,290</u>	<u>\$ 3,913,105</u>	<u>\$ 4,369,715</u>

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE SUMMARY

5320 ADMINISTRATION

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 2,337,980	\$ 2,551,966	\$ 3,245,725	\$ 3,280,050	\$ 3,593,955
SUPPLIES	94,914	97,547	179,070	186,200	224,040
SERVICES	545,176	576,676	608,520	627,545	679,295
CAPITAL OUTLAY	19,598	31,882	194,500	179,775	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 2,997,668	\$ 3,258,070	\$ 4,227,815	\$ 4,273,570	\$ 4,497,290

DESCRIPTION

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

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5320 ADMINISTRATION

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,578,678	\$ 1,747,560	\$ 2,360,120	\$ 2,393,240	\$ 2,538,985
Other	759,301	804,406	885,605	886,810	1,054,970
Total	2,337,980	2,551,966	3,245,725	3,280,050	3,593,955
Supplies:					
Fuel	-	-	2,160	460	1,800
Chemicals	-	-	-	-	-
Other	94,914	97,547	176,910	185,740	222,240
Total	94,914	97,547	179,070	186,200	224,040
Services:					
Power	29,326	34,137	44,000	-	-
Water Purchases	-	-	-	-	-
Other	515,850	542,539	564,520	627,545	679,295
Total	545,176	576,676	608,520	627,545	679,295
Capital Outlay	19,598	31,882	194,500	179,775	-
Special Projects	-	-	-	-	-
Total	\$ 2,997,668	\$ 3,258,070	\$ 4,227,815	\$ 4,273,570	\$ 4,497,290

2016-2017 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5330 PLANT OPERATIONS**

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 4,988,558	\$ 5,184,138	\$ 6,414,750	\$ 6,233,580	\$ 7,119,365
SUPPLIES	16,158,116	17,570,179	22,866,720	23,040,985	24,642,620
SERVICES	8,597,326	10,171,843	16,181,895	16,181,715	16,659,890
CAPITAL OUTLAY	112,129	410,719	245,990	285,390	350,000
SPECIAL PROJECTS	-	-	100,000	50,000	50,000
TOTAL	\$ 29,856,129	\$ 33,336,879	\$ 45,809,355	\$ 45,791,670	\$ 48,821,875

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5330 PLANT OPERATIONS

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 3,100,029	\$ 3,534,727	\$ 4,578,245	\$ 4,427,335	\$ 4,989,300
Other	1,888,529	1,649,411	1,836,505	1,806,245	2,130,065
Total	4,988,558	5,184,138	6,414,750	6,233,580	7,119,365
Supplies:					
Fuel	30,438	27,634	29,400	29,400	24,495
Chemicals	15,238,806	16,447,424	21,275,000	21,275,000	22,656,000
Other	888,872	1,095,122	1,562,320	1,736,585	1,962,125
Total	16,158,116	17,570,179	22,866,720	23,040,985	24,642,620
Services:					
Power	3,102,476	3,327,075	3,521,000	3,386,945	3,613,185
Water Purchases	-	-	-	-	-
Other	5,494,850	6,844,768	12,660,895	12,794,770	13,046,705
Total	8,597,326	10,171,843	16,181,895	16,181,715	16,659,890
Capital Outlay	112,129	410,719	245,990	285,390	350,000
Special Projects	-	-	100,000	50,000	50,000
Total	\$ 29,856,129	\$ 33,336,879	\$ 45,809,355	\$ 45,791,670	\$ 48,821,875

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE SUMMARY

5331 TEXOMA PUMP STATION

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	84,327	7,550	43,000	43,000	58,450
SERVICES	205,626	1,215,664	1,075,500	1,646,780	1,574,775
CAPITAL OUTLAY	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 289,953	\$ 1,223,214	\$ 1,118,500	\$ 1,689,780	\$ 1,633,225

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5331 TEXOMA PUMP STATION

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	84,327	7,550	43,000	43,000	58,450
Total	84,327	7,550	43,000	43,000	58,450
Services:					
Power	194,100	1,187,782	973,000	1,544,280	1,488,270
Water Purchases	-	-	-	-	-
Other	11,526	27,882	102,500	102,500	86,505
Total	205,626	1,215,664	1,075,500	1,646,780	1,574,775
Capital Outlay	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 289,953</u>	<u>\$ 1,223,214</u>	<u>\$ 1,118,500</u>	<u>\$ 1,689,780</u>	<u>\$ 1,633,225</u>

2016-2017 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5332 CHAPMAN PUMP STATION**

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	9,265	2,521	80,000	80,000	48,325
SERVICES	588,938	525,248	1,815,810	344,460	1,249,635
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	50,000	50,000	500,000	-	50,000
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 648,202	\$ 577,769	\$ 2,395,810	\$ 424,460	\$ 1,347,960

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5332 CHAPMAN PUMP STATION

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	- -	- -	- -	- -	- -
Total	- -	- -	- -	- -	- -
Supplies:					
Fuel	- -	- -	- -	- -	- -
Chemicals	- -	- -	- -	- -	- -
Other	9,265	2,521	80,000	80,000	48,325
Total	9,265	2,521	80,000	80,000	48,325
Services:					
Power	566,974	482,400	861,000	193,195	1,168,130
Water Purchases	- -	- -	- -	- -	- -
Other	21,964	42,848	954,810	151,265	81,505
Total	588,938	525,248	1,815,810	344,460	1,249,635
Capital Outlay	- -	- -	- -	- -	- -
Escrow	50,000	50,000	500,000	- -	50,000
Special Projects	- -	- -	- -	- -	- -
Total	\$ 648,202	\$ 577,769	\$ 2,395,810	\$ 424,460	\$ 1,347,960

2016-2017 ANNUAL BUDGET
REGIONAL WATER SYSTEM
EXPENDITURE SUMMARY

5333 TAWAKONI RAW WATER PUMP STATION AND WATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 844,124	\$ 843,581	\$ 973,770	\$ 975,325	\$ 989,225
SUPPLIES	877,850	1,224,100	2,075,725	1,622,920	1,802,035
SERVICES	12,814,025	9,623,950	7,368,120	4,804,670	7,811,455
CAPITAL OUTLAY	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 14,535,998	\$ 11,691,631	\$ 10,417,615	\$ 7,402,915	\$ 10,602,715

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 re-pumps 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.

2016-2017 ANNUAL BUDGET
REGIONAL WATER SYSTEM
DETAIL LISTING

5333 TAWAKONI RAW WATER PUMP STATION AND WATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 539,229	\$ 548,313	\$ 648,705	\$ 659,715	\$ 672,620
Other	304,895	295,268	325,065	315,610	316,605
Total	844,124	843,581	973,770	975,325	989,225
Supplies:					
Fuel	8,392	6,783	6,000	6,000	5,075
Chemicals	810,840	1,103,374	1,963,500	1,483,470	1,692,540
Other	58,617	113,943	106,225	133,450	104,420
Total	877,850	1,224,100	2,075,725	1,622,920	1,802,035
Services:					
Power	4,511,110	3,674,551	2,919,000	2,786,970	2,976,965
Water Purchases	8,203,491	5,565,478	4,099,100	1,492,600	4,462,105
Other	99,424	383,920	350,020	525,100	372,385
Total	12,814,025	9,623,950	7,368,120	4,804,670	7,811,455
Capital Outlay	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	\$ 14,535,998	\$ 11,691,631	\$ 10,417,615	\$ 7,402,915	\$ 10,602,715

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE SUMMARY

5334 EAST FORK RAW WATER SUPPLY

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 404,149	\$ 397,929	\$ 422,720	\$ 426,165	\$ 462,745
SUPPLIES	93,085	105,294	135,825	135,825	161,465
SERVICES	5,906,759	3,867,044	5,017,720	3,772,910	4,860,450
CAPITAL OUTLAY	-	38,414	12,000	12,890	88,700
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 6,403,994	\$ 4,408,681	\$ 5,588,265	\$ 4,347,790	\$ 5,573,360

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5334 EAST FORK RAW WATER SUPPLY

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 253,612	\$ 255,914	\$ 285,675	\$ 281,915	\$ 297,350
Other	150,536	142,016	137,045	144,250	165,395
Total	<u>404,149</u>	<u>397,929</u>	<u>422,720</u>	<u>426,165</u>	<u>462,745</u>
Supplies:					
Fuel	18,889	20,963	27,000	27,000	23,900
Chemicals	-	-	-	-	-
Other	74,197	84,331	108,825	108,825	137,565
Total	<u>93,085</u>	<u>105,294</u>	<u>135,825</u>	<u>135,825</u>	<u>161,465</u>
Services:					
Power	2,329,344	1,679,239	1,768,000	824,280	1,776,650
Water Purchases	3,046,205	1,343,859	2,187,425	2,037,425	2,241,390
Other	531,210	843,945	1,062,295	911,205	842,410
Total	<u>5,906,759</u>	<u>3,867,044</u>	<u>5,017,720</u>	<u>3,772,910</u>	<u>4,860,450</u>
Capital Outlay	-	38,414	12,000	12,890	88,700
Special Projects	-	-	-	-	-
Total	<u>\$ 6,403,994</u>	<u>\$ 4,408,681</u>	<u>\$ 5,588,265</u>	<u>\$ 4,347,790</u>	<u>\$ 5,573,360</u>

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE SUMMARY

5335 BONHAM WATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 795,292	\$ 838,864	\$ 902,730	\$ 914,245	\$ 949,635
SUPPLIES	218,751	252,631	296,925	292,510	320,605
SERVICES	151,659	133,709	252,680	217,735	476,395
CAPITAL OUTLAY	-	19,980	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 1,165,701	\$ 1,245,184	\$ 1,452,335	\$ 1,424,490	\$ 1,746,635

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5335 BONHAM WATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 520,429	\$ 547,029	\$ 590,450	\$ 594,290	\$ 620,200
Other	274,863	291,835	312,280	319,955	329,435
Total	<u>795,292</u>	<u>838,864</u>	<u>902,730</u>	<u>914,245</u>	<u>949,635</u>
Supplies:					
Fuel	5,311	3,858	4,000	3,000	3,215
Chemicals	145,478	145,896	190,700	190,260	214,280
Other	67,962	102,877	102,225	99,250	103,110
Total	<u>218,751</u>	<u>252,631</u>	<u>296,925</u>	<u>292,510</u>	<u>320,605</u>
Services:					
Power	111,311	87,835	150,000	113,180	117,280
Water Purchases	-	-	-	-	-
Other	40,348	45,874	102,680	104,555	359,115
Total	<u>151,659</u>	<u>133,709</u>	<u>252,680</u>	<u>217,735</u>	<u>476,395</u>
Capital Outlay	-	19,980	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 1,165,701</u>	<u>\$ 1,245,184</u>	<u>\$ 1,452,335</u>	<u>\$ 1,424,490</u>	<u>\$ 1,746,635</u>

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE SUMMARY

5340 FACILITIES SERVICES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 3,199,552	\$ 3,547,935	\$ 4,199,225	\$ 4,218,690	\$ 4,547,140
SUPPLIES	729,702	698,942	959,070	888,765	1,085,650
SERVICES	9,685,306	7,636,317	10,643,905	10,920,985	9,357,280
CAPITAL OUTLAY	358,130	285,631	926,860	1,006,895	658,575
SPECIAL PROJECTS	11,800	-	250,000	-	500,000
TOTAL	\$ 13,984,490	\$ 12,168,825	\$ 16,979,060	\$ 17,035,335	\$ 16,148,645

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 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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5340 FACILITIES SERVICES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 2,069,988	\$ 2,273,191	\$ 2,825,435	\$ 2,878,645	\$ 3,010,500
Other	1,129,564	1,274,744	1,373,790	1,340,045	1,536,640
Total	<u>3,199,552</u>	<u>3,547,935</u>	<u>4,199,225</u>	<u>4,218,690</u>	<u>4,547,140</u>
Supplies:					
Fuel	123,595	108,541	116,025	75,000	110,000
Chemicals	29,833	29,107	29,490	29,125	28,800
Other	576,274	561,294	813,555	784,640	946,850
Total	<u>729,702</u>	<u>698,942</u>	<u>959,070</u>	<u>888,765</u>	<u>1,085,650</u>
Services:					
Power	8,944,529	6,731,516	9,477,060	9,112,255	7,640,990
Water Purchases	-	-	-	-	-
Other	740,777	904,801	1,166,845	1,808,730	1,716,290
Total	<u>9,685,306</u>	<u>7,636,317</u>	<u>10,643,905</u>	<u>10,920,985</u>	<u>9,357,280</u>
Capital Outlay	358,130	285,631	926,860	1,006,895	658,575
Special Projects	11,800	-	250,000	-	500,000
Total	<u>\$ 13,984,490</u>	<u>\$ 12,168,825</u>	<u>\$ 16,979,060</u>	<u>\$ 17,035,335</u>	<u>\$ 16,148,645</u>

2016-2017 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5350 TECHNICAL SERVICES**

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 6,748,818	\$ 7,219,285	\$ 7,649,120	\$ 8,000,025	\$ 8,620,620
SUPPLIES	386,966	386,048	545,500	514,855	512,485
SERVICES	74,447	93,573	229,810	763,225	246,055
CAPITAL OUTLAY	157,416	133,874	385,700	362,405	393,100
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 7,367,647	\$ 7,832,780	\$ 8,810,130	\$ 9,640,510	\$ 9,772,260

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5350 TECHNICAL SERVICES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 4,564,908	\$ 4,898,588	\$ 5,305,310	\$ 5,580,670	\$ 5,871,525
Other	2,183,911	2,320,697	2,343,810	2,419,355	2,749,095
Total	<u>6,748,818</u>	<u>7,219,285</u>	<u>7,649,120</u>	<u>8,000,025</u>	<u>8,620,620</u>
Supplies:					
Fuel	188,181	171,511	176,110	123,125	140,000
Chemicals	-	-	-	-	-
Other	198,785	214,536	369,390	391,730	372,485
Total	<u>386,966</u>	<u>386,048</u>	<u>545,500</u>	<u>514,855</u>	<u>512,485</u>
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	74,447	93,573	229,810	763,225	246,055
Total	<u>74,447</u>	<u>93,573</u>	<u>229,810</u>	<u>763,225</u>	<u>246,055</u>
Capital Outlay	157,416	133,874	385,700	362,405	393,100
Special Projects	-	-	-	-	-
Total	<u>\$ 7,367,647</u>	<u>\$ 7,832,780</u>	<u>\$ 8,810,130</u>	<u>\$ 9,640,510</u>	<u>\$ 9,772,260</u>

2016-2017 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5360 LABORATORY SERVICES**

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 2,157,678	\$ 2,100,347	\$ 2,326,825	\$ 2,239,285	\$ 2,326,195
SUPPLIES	355,769	372,905	447,480	499,710	565,750
SERVICES	184,708	212,461	278,440	295,450	328,775
CAPITAL OUTLAY	216,582	215,607	423,000	294,005	585,000
SPECIAL PROJECTS	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	\$ 2,914,737	\$ 2,901,320	\$ 3,475,745	\$ 3,328,450	\$ 3,805,720

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5360 LABORATORY SERVICES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,467,750	\$ 1,437,728	\$ 1,657,755	\$ 1,571,130	\$ 1,589,370
Other	689,928	662,619	669,070	668,155	736,825
Total	<u>2,157,678</u>	<u>2,100,347</u>	<u>2,326,825</u>	<u>2,239,285</u>	<u>2,326,195</u>
Supplies:					
Fuel	187	608	1,200	850	1,125
Chemicals	-	-	-	-	-
Other	355,582	372,297	446,280	498,860	564,625
Total	<u>355,769</u>	<u>372,905</u>	<u>447,480</u>	<u>499,710</u>	<u>565,750</u>
Services:					
Power	66,962	75,268	95,000	95,000	95,000
Water Purchases	-	-	-	-	-
Other	117,747	137,193	183,440	200,450	233,775
Total	<u>184,708</u>	<u>212,461</u>	<u>278,440</u>	<u>295,450</u>	<u>328,775</u>
Capital Outlay	216,582	215,607	423,000	294,005	585,000
Special Projects	-	-	-	-	-
Total	<u>\$ 2,914,737</u>	<u>\$ 2,901,320</u>	<u>\$ 3,475,745</u>	<u>\$ 3,328,450</u>	<u>\$ 3,805,720</u>

2016-2017 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5370 ENGINEERING SERVICES**

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 5,414,661	\$ 6,443,879	\$ 7,843,375	\$ 7,511,465	\$ 8,407,680
SUPPLIES	198,148	243,553	902,875	830,885	633,490
SERVICES	86,695	303,144	384,980	657,075	395,580
CAPITAL OUTLAY	140,844	189,575	331,600	299,000	201,600
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 5,840,347	\$ 7,180,150	\$ 9,462,830	\$ 9,298,425	\$ 9,638,350

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5370 ENGINEERING SERVICES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 3,636,129	\$ 4,409,486	\$ 5,637,875	\$ 5,350,150	\$ 6,048,580
Other	1,778,532	2,034,393	2,205,500	2,161,315	2,359,100
Total	5,414,661	6,443,879	7,843,375	7,511,465	8,407,680
Supplies:					
Fuel	94,754	86,951	136,830	80,000	80,000
Chemicals	-	-	-	-	-
Other	103,394	156,602	766,045	750,885	553,490
Total	198,148	243,553	902,875	830,885	633,490
Services:					
Power	-	924	7,200	1,500	2,400
Water Purchases	-	-	-	-	-
Other	86,695	302,220	377,780	655,575	393,180
Total	86,695	303,144	384,980	657,075	395,580
Capital Outlay	140,844	189,575	331,600	299,000	201,600
Special Projects	-	-	-	-	-
Total	\$ 5,840,347	\$ 7,180,150	\$ 9,462,830	\$ 9,298,425	\$ 9,638,350

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE SUMMARY

5380 ENVIRONMENTAL SERVICES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 663,833	\$ 751,991	\$ 873,040	\$ 915,275	\$ 986,500
SUPPLIES	53,980	65,935	95,515	98,115	95,120
SERVICES	11,684	27,516	70,090	83,095	145,345
CAPITAL OUTLAY	56,576	38,806	135,000	64,600	108,000
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 786,073	\$ 884,248	\$ 1,173,645	\$ 1,161,085	\$ 1,334,965

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5380 ENVIRONMENTAL SERVICES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 417,350	\$ 524,113	\$ 617,990	\$ 650,215	\$ 715,545
Other	246,482	227,878	255,050	265,060	270,955
Total	<u>663,833</u>	<u>751,991</u>	<u>873,040</u>	<u>915,275</u>	<u>986,500</u>
Supplies:					
Fuel	6,680	10,841	7,500	7,500	5,365
Chemicals	-	-	-	-	-
Other	47,300	55,094	88,015	90,615	89,755
Total	<u>53,980</u>	<u>65,935</u>	<u>95,515</u>	<u>98,115</u>	<u>95,120</u>
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	11,684	27,516	70,090	83,095	145,345
Total	<u>11,684</u>	<u>27,516</u>	<u>70,090</u>	<u>83,095</u>	<u>145,345</u>
Capital Outlay	56,576	38,806	135,000	64,600	108,000
Special Projects	-	-	-	-	-
Total	<u>\$ 786,073</u>	<u>\$ 884,248</u>	<u>\$ 1,173,645</u>	<u>\$ 1,161,085</u>	<u>\$ 1,334,965</u>

2016-2017 ANNUAL BUDGET**REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5381 PERMITTING**

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ 274,794	\$ 463,985	\$ 455,780	\$ 538,240
SUPPLIES	-	123	17,950	7,010	20,760
SERVICES	-	4,033	595,175	614,925	602,555
CAPITAL OUTLAY	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ -	\$ 278,950	\$ 1,077,110	\$ 1,077,715	\$ 1,161,555

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5381 PERMITTING

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ 227,216	\$ 379,555	\$ 375,620	\$ 376,235
Other	-	47,578	84,430	80,160	162,005
Total	-	274,794	463,985	455,780	538,240
Supplies:					
Fuel	-	102	3,300	700	3,300
Chemicals	-	-	-	-	-
Other	-	21	14,650	6,310	17,460
Total	-	123	17,950	7,010	20,760
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	-	4,033	595,175	614,925	602,555
Total	-	4,033	595,175	614,925	602,555
Capital Outlay	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	\$ -	\$ 278,950	\$ 1,077,110	\$ 1,077,715	\$ 1,161,555

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE SUMMARY

5382 REGULATORY COMPLIANCE

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ 141,740	\$ 311,380	\$ 269,330	\$ 390,050
SUPPLIES	-	45	25,700	24,900	34,115
SERVICES	-	117	99,490	183,155	357,715
CAPITAL OUTLAY	-	-	-	-	377,800
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ -	\$ 141,902	\$ 436,570	\$ 477,385	\$ 1,159,680

DESCRIPTION

The Regulatory Compliance Function includes regulatory management and safety programs. 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; development of company-wide safety programs and safety training. 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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

DETAIL LISTING

5382 REGULATORY COMPLIANCE

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ -	\$ 110,252	\$ 240,850	\$ 218,510	\$ 279,200
Other	-	31,488	70,530	50,820	110,850
Total	-	141,740	311,380	269,330	390,050
Supplies:					
Fuel	-	26	3,025	2,625	4,550
Chemicals	-	-	-	-	-
Other	-	19	22,675	22,275	29,565
Total	-	45	25,700	24,900	34,115
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	-	117	99,490	183,155	357,715
Total	-	117	99,490	183,155	357,715
Capital Outlay	-	-	-	-	377,800
Special Projects	-	-	-	-	-
Total	<u>\$ -</u>	<u>\$ 141,902</u>	<u>\$ 436,570</u>	<u>\$ 477,385</u>	<u>\$ 1,159,680</u>

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE SUMMARY

5999 DEBT SERVICE

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
ESCROW	\$ -	\$ -	\$ -	\$ -	\$ -
CAPITAL IMPROVEMENT FUND	23,200,000	34,200,000	31,350,000	63,902,555	63,600,000
DEBT SERVICE	<u>87,833,229</u>	<u>93,856,244</u>	<u>116,300,550</u>	<u>85,057,110</u>	<u>111,780,750</u>
TOTAL	<u>\$ 111,033,229</u>	<u>\$ 128,056,244</u>	<u>\$ 147,650,550</u>	<u>\$ 148,959,665</u>	<u>\$ 175,380,750</u>

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.

2016-2017 ANNUAL BUDGET

REGIONAL WATER SYSTEM

5999 DEBT SERVICE

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Escrow	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Improvement Fund	23,200,000	34,200,000	31,350,000	63,902,555	63,600,000
Notes:					
Lavon	1,594,320	1,594,320	1,594,320	1,594,320	1,594,320
Chapman - Corps	864,280	864,280	864,280	864,280	864,280
Chapman - City of Cooper	<u>52,474</u>	<u>52,474</u>	<u>52,475</u>	<u>52,475</u>	<u>52,475</u>
Total	2,511,074	2,511,074	2,511,075	2,511,075	2,511,075
Debt Service	87,833,229	93,856,244	116,300,550	85,057,110	111,780,750
Total	<u>\$ 111,033,229</u>	<u>\$ 128,056,244</u>	<u>\$ 147,650,550</u>	<u>\$ 148,959,665</u>	<u>\$ 175,380,750</u>

2016 - 2017 ANNUAL BUDGET

SEWER SYSTEM

2016 - 2017 ANNUAL BUDGET

SEWER SYSTEM

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**2016-2017 ANNUAL BUDGET
REGIONAL SEWER SYSTEM
EXPENDITURE COMPARISON**

BY FUNCTION AND BY CHARACTER

BY FUNCTION	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
<u>Water Facilities:</u>					
Little Elm Wtr Transmission Facilities	\$ 319,600	\$ 366,431	\$ 381,980	\$ 381,980	\$ 389,950
Plano Wtr Transmission Facilities	827,476	823,906	749,340	749,340	247,735
Kaufman 4-1 Water Distribution Facilities	85,340	54,745	70,790	70,865	69,870
Rockwall-Heath Water Storage Facilities	226,510	226,471	229,000	228,140	228,915
Terrell Water Transmission Facilities	795,061	798,353	712,750	712,485	727,435
Rockwall Water Pump Station Facilities	173,760	172,761	170,500	170,500	169,360
Total	2,427,748	2,442,667	2,314,360	2,313,310	1,833,265
<u>Sewer Facilities:</u>					
Murphy WWTP / Interceptor	48,690	6,457	8,945	105,145	59,340
Wylie WWTP	22,741	24,898	43,900	42,900	41,460
South Rockwall WWTP	1,044,318	1,272,655	1,420,105	1,285,760	1,662,190
North Rockwall WWTP	411,411	392,095	591,225	521,005	471,875
Panther Creek WWTP	6,360,660	7,248,312	8,250,150	8,187,970	8,988,795
Sabine Creek WWTP	1,259,882	1,262,911	1,595,360	1,595,875	2,111,470
Stewart Creek WWTP	2,320,346	3,938,404	8,166,890	8,082,010	7,843,900
Muddy Creek WWTP	4,731,311	5,155,623	5,832,250	5,830,745	5,823,665
Seis Lagos WWTP	126,135	140,592	178,585	155,740	193,245
Royse City WWTP	10,289	11,673	27,475	27,395	18,560
Farmersville WWTP	200,825	227,835	281,840	273,740	334,410
Frisco Cottonwood Creek WWTP	108,853	118,714	153,685	153,685	157,165
Lavon WWTP	121,262	149,987	159,405	147,785	229,260
Total	16,766,723	19,950,156	26,709,815	26,409,755	27,935,335
<u>Interceptor Facilities:</u>					
Forney Interceptor	140,956	213,723	189,135	195,890	337,960
Lower East Fork Interceptor	1,571,873	1,629,968	1,643,905	1,529,950	1,712,410
Muddy Creek Interceptor	299,447	299,346	308,885	308,785	334,990
Parker Creek Interceptor	225,611	229,861	511,330	246,575	261,785
Sabine Creek Interceptor	180,337	184,109	189,560	189,555	191,605
Buffalo Creek Interceptor	1,557,389	1,576,224	1,666,600	1,705,350	1,870,995
McKinney Interceptor	103,574	5,378	7,050	2,220	7,090
Mustang Creek Interceptor	571,830	575,841	586,645	586,445	609,320
Parker Creek Parallel Interceptor	-	-	-	77,000	183,190
Total	4,651,016	4,714,450	5,103,110	4,841,770	5,509,345
<u>Other:</u>					
Dewatering Press Operations	1,217	-	-	-	-
Wastewater Pretreatment Program	627,158	663,241	865,950	899,115	965,700
Total	628,376	663,241	865,950	899,115	965,700
Total	<u>\$ 24,473,862</u>	<u>\$ 27,770,514</u>	<u>\$ 34,993,235</u>	<u>\$ 34,463,950</u>	<u>\$ 36,243,645</u>
BY CHARACTER					
PERSONNEL	\$ 3,304,701	\$ 3,450,448	\$ 4,432,045	\$ 4,390,520	\$ 5,018,820
SUPPLIES	1,979,234	2,084,676	3,073,915	3,035,185	3,431,820
SERVICES	5,108,378	5,908,133	6,763,765	6,796,340	8,491,690
CAPITAL OUTLAY	96,108	229,221	907,200	781,380	648,000
ESCROW	191,664	71,500	41,500	41,500	140,970
CAPITAL IMPROVEMENT FUND	-	-	-	135,275	-
DEBT SERVICE	13,963,640	16,026,535	19,744,810	19,273,750	18,482,345
SPECIAL PROJECTS	-	-	30,000	10,000	30,000
RECOVERIES	(169,863)	-	-	-	-
TOTAL	\$ 24,473,862	\$ 27,770,514	\$ 34,993,235	\$ 34,463,950	\$ 36,243,645

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, 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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

BUDGET SUMMARY

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
<u>Revenues:</u>					
Sewer Sales:					
Water Facilities	\$ 2,407,689	\$ 2,442,498	\$ 2,314,300	\$ 2,312,965	\$ 1,832,885
Sewer Facilities	16,126,837	19,536,174	26,343,600	25,935,885	27,558,155
Interceptor Facilities	4,647,323	4,711,759	5,102,945	4,806,525	5,508,565
Total	23,181,849	26,690,431	33,760,845	33,055,375	34,899,605
Other Charges:					
Pretreatment	623,580	663,011	865,885	879,895	965,255
Debt Acquisition	544,830	344,830	344,830	344,830	344,830
Other	122,316	69,290	20,155	170,850	20,230
Total	1,290,726	1,077,130	1,230,870	1,395,575	1,330,315
Interest Income	1,287	2,953	1,520	13,000	13,725
Total	<u>\$ 24,473,862</u>	<u>\$ 27,770,514</u>	<u>\$ 34,993,235</u>	<u>\$ 34,463,950</u>	<u>\$ 36,243,645</u>

Expenditures:

Personnel:					
Salaries & Wages	\$ 2,104,558	\$ 2,300,946	\$ 3,063,170	\$ 3,065,725	\$ 3,456,595
Other	1,200,143	1,149,503	1,368,875	1,324,795	1,562,225
Total	3,304,701	3,450,448	4,432,045	4,390,520	5,018,820
Supplies:					
Fuel	64,283	52,233	81,875	64,955	69,925
Chemicals	1,306,898	1,350,855	2,000,925	1,799,170	1,981,885
Other	608,053	681,588	991,115	1,171,060	1,380,010
Total	1,979,234	2,084,676	3,073,915	3,035,185	3,431,820
Services:					
Power	1,680,367	1,751,332	2,089,785	1,942,410	2,017,315
Other	3,428,011	4,156,801	4,673,980	4,853,930	6,474,375
Total	5,108,378	5,908,133	6,763,765	6,796,340	8,491,690
Capital Outlay	96,108	229,221	907,200	781,380	648,000
Escrow:					
Reserve for Maintenance	191,664	71,500	41,500	41,500	14,010
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	-	-	126,960
Total	191,664	71,500	41,500	41,500	140,970
Capital Improvement Fund	-	-	-	135,275	-
Debt Service	13,963,640	16,026,535	19,744,810	19,273,750	18,482,345
Special Projects	-	-	30,000	10,000	30,000
Recoveries	<u>(169,863)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 24,473,862</u>	<u>\$ 27,770,514</u>	<u>\$ 34,993,235</u>	<u>\$ 34,463,950</u>	<u>\$ 36,243,645</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

201 LITTLE ELM WATER TRANSMISSION FACILITIES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	-	-	1,000	1,000	1,000
SERVICES	810	171	2,720	2,720	2,490
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	318,790	366,260	378,260	378,260	386,460
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 319,600	\$ 366,431	\$ 381,980	\$ 381,980	\$ 389,950

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

201 LITTLE ELM WATER TRANSMISSION FACILITIES

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Water Facilities	\$ 319,587	\$ 366,419	\$ 381,970	\$ 381,925
Total	<u>319,587</u>	<u>366,419</u>	<u>381,970</u>	<u>381,925</u>
Interest Income	14	12	10	55
Total	<u>\$ 319,600</u>	<u>\$ 366,431</u>	<u>\$ 381,980</u>	<u>\$ 381,980</u>
				<u>\$ 389,950</u>

Expenditures:

Personnel	-	-	-	-
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	-	-	1,000	1,000
Total	<u>-</u>	<u>-</u>	<u>1,000</u>	<u>1,000</u>
Services:				
Power	-	-	-	-
Other	810	171	2,720	2,720
Total	<u>810</u>	<u>171</u>	<u>2,720</u>	<u>2,720</u>
Capital Outlay	-	-	-	-
Escrow	-	-	-	-
Capital Improvement Fund	-	-	-	-
Debt Service	318,790	366,260	378,260	378,260
Special Projects	-	-	-	-
Total	<u>\$ 319,600</u>	<u>\$ 366,431</u>	<u>\$ 381,980</u>	<u>\$ 381,980</u>
				<u>\$ 389,460</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

202 PLANO WATER TRANSMISSION FACILITIES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	-	-	1,000	1,000	1,000
SERVICES	216	226	3,005	3,005	3,495
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	827,260	823,680	745,335	745,335	243,240
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 827,476	\$ 823,906	\$ 749,340	\$ 749,340	\$ 247,735

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

202 PLANO WATER TRANSMISSION FACILITIES

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Water Facilities	\$ 827,457	\$ 823,886	\$ 749,320	\$ 749,270
Total	<u>827,457</u>	<u>823,886</u>	<u>749,320</u>	<u>749,270</u>
Interest Income	20	20	20	70
Total	<u>\$ 827,476</u>	<u>\$ 823,906</u>	<u>\$ 749,340</u>	<u>\$ 749,340</u>
				<u>\$ 247,735</u>

Expenditures:

Personnel	-	-	-	-
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	-	-	1,000	1,000
Total	<u>-</u>	<u>-</u>	<u>1,000</u>	<u>1,000</u>
Services:				
Power	-	-	-	-
Other	216	226	3,005	3,005
Total	<u>216</u>	<u>226</u>	<u>3,005</u>	<u>3,005</u>
Capital Outlay	-	-	-	-
Escrow	-	-	-	-
Capital Improvement Fund	-	-	-	-
Debt Service	827,260	823,680	745,335	745,335
Special Projects	-	-	-	-
Total	<u>\$ 827,476</u>	<u>\$ 823,906</u>	<u>\$ 749,340</u>	<u>\$ 749,340</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

204 KAUFMAN FOUR-ONE WATER DISTRIBUTION FACILITIES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	25,464	5,310	4,600	9,955	4,600
SERVICES	59,876	49,435	66,190	60,910	65,270
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
CAPTIAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	<u>\$ 85,340</u>	<u>\$ 54,745</u>	<u>\$ 70,790</u>	<u>\$ 70,865</u>	<u>\$ 69,870</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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

204 KAUFMAN FOUR-ONE WATER DISTRIBUTION FACILITIES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
College Mound	\$ 9,232	\$ 7,718	\$ 10,002	\$ 9,948	\$ 9,808
Crandall	25,096	20,981	27,191	27,045	26,663
Gastonia Scurry	25,207	21,074	27,309	27,618	27,228
Rose Hill	5,802	4,851	6,283	6,249	6,161
Total	\$ 65,337	\$ 54,624	\$ 70,785	\$ 70,860	\$ 69,860
Annual Flow (1,000):					
College Mound	74,721	74,721	74,721	74,721	74,240
Crandall	203,130	203,130	203,130	203,130	201,823
Gastonia Scurry	204,014	204,014	204,014	207,439	206,104
Rose Hill	46,936	46,936	46,936	46,936	46,634
Total	528,801	528,801	528,801	532,226	528,801

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

204 KAUFMAN FOUR-ONE WATER DISTRIBUTION FACILITIES

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Water Facilities	\$ 65,337	\$ 54,624	\$ 70,785	\$ 70,860
Total	<u>65,337</u>	<u>54,624</u>	<u>70,785</u>	<u>70,860</u>
Other Charges:				
Reserve for Maintenance	20,000	-	-	-
Other	1	118	-	-
Total	<u>20,001</u>	<u>118</u>	<u>-</u>	<u>-</u>
Interest Income	1	3	5	5
Total	<u><u>\$ 85,340</u></u>	<u><u>\$ 54,745</u></u>	<u><u>\$ 70,790</u></u>	<u><u>\$ 70,865</u></u>
				10

Expenditures:

Personnel	-	-	-	-
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	25,464	5,310	4,600	9,955
Total	<u>25,464</u>	<u>5,310</u>	<u>4,600</u>	<u>9,955</u>
Services:				
Power	40,652	34,287	52,375	47,020
Other	19,225	15,148	13,815	13,890
Total	<u>59,876</u>	<u>49,435</u>	<u>66,190</u>	<u>60,910</u>
Capital Outlay	-	-	-	-
Escrow	-	-	-	-
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u><u>\$ 85,340</u></u>	<u><u>\$ 54,745</u></u>	<u><u>\$ 70,790</u></u>	<u><u>\$ 70,865</u></u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

206 ROCKWALL - HEATH WATER STORAGE FACILITIES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	-	-	-	-	-
SERVICES	0	1	350	350	505
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	226,510	226,470	228,650	227,790	228,410
SPECIAL PROJECTS	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	\$ 226,510	\$ 226,471	\$ 229,000	\$ 228,140	\$ 228,915

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

206 ROCKWALL - HEATH WATER STORAGE FACILITIES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Heath	\$ 75,495	\$ 75,481	\$ 76,324	\$ 76,027	\$ 76,284
Rockwall	151,012	150,985	152,671	152,078	152,591
Total	\$ 226,507	\$ 226,467	\$ 228,995	\$ 228,105	\$ 228,875
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%

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

206 ROCKWALL - HEATH WATER STORAGE FACILITIES

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Water Facilities	\$ 226,507	\$ 226,467	\$ 228,995	\$ 228,105
Total	226,507	226,467	228,995	228,105
Interest Income	4	4	5	35
Total	<u>\$ 226,510</u>	<u>\$ 226,471</u>	<u>\$ 229,000</u>	<u>\$ 228,140</u>
				<u>\$ 228,915</u>

Expenditures:

Personnel	-	-	-	-
Supplies	-	-	-	-
Services:				
Power	-	-	-	-
Other	0	1	350	350
Total	0	1	350	350
Capital Outlay	-	-	-	-
Escrow	-	-	-	-
Capital Improvement Fund	-	-	-	-
Debt Service	226,510	226,470	228,650	227,790
Special Projects	-	-	-	-
Total	<u>\$ 226,510</u>	<u>\$ 226,471</u>	<u>\$ 229,000</u>	<u>\$ 228,140</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

207 TERRELL WATER TRANSMISSION FACILITIES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	-	-	-	-	-
SERVICES	1	3	340	340	7,925
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	795,060	798,350	712,410	712,145	719,510
SPECIAL PROJECTS	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	\$ 795,061	\$ 798,353	\$ 712,750	\$ 712,485	\$ 727,435

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.

2016-2017 ANNUAL BUDGET

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

207 TERRELL WATER TRANSMISSION FACILITIES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
<u>Revenues:</u>					
Sewer Sales:					
Water Facilities	\$ 795,044	\$ 798,344	\$ 712,735	\$ 712,330	\$ 727,270
Interest Income	<u>18</u>	<u>9</u>	<u>15</u>	<u>155</u>	<u>165</u>
Total	<u><u>\$ 795,061</u></u>	<u><u>\$ 798,353</u></u>	<u><u>\$ 712,750</u></u>	<u><u>\$ 712,485</u></u>	<u><u>\$ 727,435</u></u>
<u>Expenditures:</u>					
Personnel	-	-	-	-	-
Supplies	-	-	-	-	-
Services:					
Power	-	-	-	-	-
Other	<u>1</u>	<u>3</u>	<u>340</u>	<u>340</u>	<u>7,925</u>
Total	<u>1</u>	<u>3</u>	<u>340</u>	<u>340</u>	<u>7,925</u>
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	795,060	798,350	712,410	712,145	719,510
Special Projects	-	-	-	-	-
Total	<u><u>\$ 795,061</u></u>	<u><u>\$ 798,353</u></u>	<u><u>\$ 712,750</u></u>	<u><u>\$ 712,485</u></u>	<u><u>\$ 727,435</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>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

208 ROCKWALL WATER PUMP STATION FACILITIES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	-	-	-	-	-
SERVICES	0	1	330	330	475
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
CAPTIAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	173,760	172,760	170,170	170,170	168,885
SPECIAL PROJECTS	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL	\$ 173,760	\$ 172,761	\$ 170,500	\$ 170,500	\$ 169,360

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 instrumentation 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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

208 ROCKWALL WATER PUMP STATION FACILITIES

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Water Facilities	\$ 173,759	\$ 172,758	\$ 170,495	\$ 170,475
Total	<u>173,759</u>	<u>172,758</u>	<u>170,495</u>	<u>170,475</u>
Interest Income	2	3	5	25
Total	<u>\$ 173,760</u>	<u>\$ 172,761</u>	<u>\$ 170,500</u>	<u>\$ 170,500</u>
				<u>\$ 169,360</u>

Expenditures:

Personnel	-	-	-	-
Supplies	-	-	-	-
Services:				
Power	-	-	-	-
Other	0	1	330	330
Total	<u>0</u>	<u>1</u>	<u>330</u>	<u>330</u>
Capital Outlay	-	-	-	-
Escrow	-	-	-	-
Capital Improvement Fund	-	-	-	-
Debt Service	173,760	172,760	170,170	170,170
Special Projects	-	-	-	-
Total	<u>\$ 173,760</u>	<u>\$ 172,761</u>	<u>\$ 170,500</u>	<u>\$ 170,500</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

302 MURPHY WASTEWATER TREATMENT PLANT / INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	- -	31	1,550	10,500	4,650
SERVICES	690	1,426	2,395	89,645	2,865
CAPITAL OUTLAY	- -	- -	- -	- -	- -
ESCROW	- -	5,000	5,000	5,000	51,825
CAPTIAL IMPROVEMENT FUND	- -	- -	- -	- -	- -
DEBT SERVICE	48,000	- -	- -	- -	- -
SPECIAL PROJECTS	- -	- -	- -	- -	- -
TOTAL	\$ 48,690	\$ 6,457	\$ 8,945	\$ 105,145	\$ 59,340

DESCRIPTION

The Murphy WWTP was decommissioned in October 2006. NTMWD continues to operate the Hensley Lane Meter Station and the Maxwell Creek Interceptor which transports Murphy wastewater flow into the Muddy Creek Interceptor. The Muddy Creek Interceptor then transmits the flow to the Muddy Creek WWTP for treatment.

2016-2017 ANNUAL BUDGET
SEWER SYSTEM
DETAIL LISTING

302 MURPHY WASTEWATER TREATMENT PLANT / INTERCEPTOR

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 48,687	\$ 6,454	\$ 8,940	\$ 7,640
Total	<u>48,687</u>	<u>6,454</u>	<u>8,940</u>	<u>7,640</u>
Other Charges:				
Other	2	1	-	97,500
Total	<u>2</u>	<u>1</u>	<u>-</u>	<u>97,500</u>
Interest Income	1	2	5	5
Total	<u>48,690</u>	<u>6,457</u>	<u>\$ 8,945</u>	<u>\$ 105,145</u>
				\$ 59,340

Expenditures:

Personnel	-	-	-	-
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	-	31	1,550	10,500
Total	<u>-</u>	<u>31</u>	<u>1,550</u>	<u>10,500</u>
Services:				
Power	248	269	300	300
Other	<u>443</u>	<u>1,157</u>	<u>2,095</u>	<u>89,345</u>
Total	<u>690</u>	<u>1,426</u>	<u>2,395</u>	<u>89,645</u>
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	-	5,000	5,000	5,000
Equipment Replacement	-	-	-	-
Preventive Maintenance	-	-	-	48,065
Total	<u>-</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	48,000	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 48,690</u>	<u>\$ 6,457</u>	<u>\$ 8,945</u>	<u>\$ 105,145</u>
				\$ 59,340
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

304 WYLIE WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 4,712	\$ 5,662	\$ 5,265	\$ 5,415	\$ 6,785
SUPPLIES	229	57	1,125	1,610	2,605
SERVICES	17,800	19,179	36,360	34,650	31,530
CAPITAL OUTLAY	-	-	1,150	1,225	540
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 22,741	\$ 24,898	\$ 43,900	\$ 42,900	\$ 41,460

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

304 WYLIE WASTEWATER TREATMENT PLANT

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 22,705	\$ 24,892	\$ 43,895	\$ 42,885
Total	<u>22,705</u>	<u>24,892</u>	<u>43,895</u>	<u>42,885</u>
Other Charges:				
Other	36	3	-	-
Total	<u>36</u>	<u>3</u>	<u>-</u>	<u>-</u>
Interest Income	1	3	5	15
Total	<u>22,741</u>	<u>24,898</u>	<u>\$ 43,900</u>	<u>\$ 42,900</u>
				<u>\$ 41,460</u>

Expenditures:

Personnel:				
Salaries & Wages	2,892	3,609	3,450	3,600
Other	<u>1,820</u>	<u>2,053</u>	<u>1,815</u>	<u>1,815</u>
Total	<u>4,712</u>	<u>5,662</u>	<u>5,265</u>	<u>5,415</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	<u>229</u>	<u>57</u>	<u>1,125</u>	<u>1,610</u>
Total	<u>229</u>	<u>57</u>	<u>1,125</u>	<u>1,610</u>
Services:				
Power	562	582	750	750
Other	<u>17,238</u>	<u>18,597</u>	<u>35,610</u>	<u>33,900</u>
Total	<u>17,800</u>	<u>19,179</u>	<u>36,360</u>	<u>34,650</u>
Capital Outlay	-	-	1,150	1,225
Escrow	-	-	-	-
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 22,741</u>	<u>\$ 24,898</u>	<u>\$ 43,900</u>	<u>\$ 42,900</u>
				<u>\$ 41,460</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

305 SOUTH ROCKWALL (BUFFALO CREEK) WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 155,634	\$ 189,293	\$ 175,900	\$ 176,980	\$ 213,645
SUPPLIES	106,762	62,878	135,425	113,645	146,295
SERVICES	377,667	628,998	797,895	686,365	1,009,330
CAPITAL OUTLAY	3,404	5,161	48,805	46,690	38,875
ESCROW	-	35,000	5,000	5,000	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	400,850	351,325	257,080	257,080	254,045
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 1,044,318	\$ 1,272,655	\$ 1,420,105	\$ 1,285,760	\$ 1,662,190

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:

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

305 SOUTH ROCKWALL (BUFFALO CREEK) WASTEWATER TREATMENT PLANT

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 1,022,496	\$ 1,249,386	\$ 1,399,850	\$ 1,264,965
Total	<u>1,022,496</u>	<u>1,249,386</u>	<u>1,399,850</u>	<u>1,264,965</u>
Other Charges:				
Effluent	19,926	19,827	20,155	20,030
Other	1,821	3,302	-	-
Total	<u>21,747</u>	<u>23,129</u>	<u>20,155</u>	<u>20,030</u>
Interest Income	74	141	100	765
Total	<u>\$ 1,044,318</u>	<u>\$ 1,272,655</u>	<u>\$ 1,420,105</u>	<u>\$ 1,285,760</u>
				<u>\$ 1,662,190</u>

Expenditures:

Personnel:				
Salaries & Wages	96,559	120,885	117,625	118,570
Other	<u>59,075</u>	<u>68,408</u>	<u>58,275</u>	<u>58,410</u>
Total	<u>155,634</u>	<u>189,293</u>	<u>175,900</u>	<u>176,980</u>
Supplies:				
Fuel	226	-	-	10
Chemicals	37,852	30,047	49,105	35,735
Other	<u>68,684</u>	<u>32,831</u>	<u>86,320</u>	<u>77,900</u>
Total	<u>106,762</u>	<u>62,878</u>	<u>135,425</u>	<u>113,645</u>
Services:				
Power	189,438	204,700	250,000	210,000
Other	<u>188,229</u>	<u>424,298</u>	<u>547,895</u>	<u>476,365</u>
Total	<u>377,667</u>	<u>628,998</u>	<u>797,895</u>	<u>686,365</u>
Capital Outlay	3,404	5,161	48,805	46,690
Escrow:				
Reserve for Maintenance	-	35,000	5,000	5,000
Equipment Replacement	-	-	-	-
Total	<u>-</u>	<u>35,000</u>	<u>5,000</u>	<u>5,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	400,850	351,325	257,080	257,080
Special Projects	-	-	-	-
Total	<u>\$ 1,044,318</u>	<u>\$ 1,272,655</u>	<u>\$ 1,420,105</u>	<u>\$ 1,285,760</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

306 NORTH ROCKWALL (SQUABBLE CREEK) WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 81,194	\$ 98,668	\$ 89,870	\$ 89,485	\$ 111,135
SUPPLIES	56,812	114,929	149,865	164,240	144,840
SERVICES	255,001	168,337	314,575	244,235	207,125
CAPITAL OUTLAY	3,404	5,161	31,915	18,045	8,775
ESCROW	15,000	5,000	5,000	5,000	-
CAPTIAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	<u>\$ 411,411</u>	<u>\$ 392,095</u>	<u>\$ 591,225</u>	<u>\$ 521,005</u>	<u>\$ 471,875</u>

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

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

306 NORTH ROCKWALL (SQUABBLE CREEK) WASTEWATER TREATMENT PLANT

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 410,064	\$ 391,014	\$ 591,160	\$ 520,640
Total	<u>410,064</u>	<u>391,014</u>	<u>591,160</u>	<u>520,640</u>
Other Charges:				
Other	1,282	1,001	-	-
Total	<u>1,282</u>	<u>1,001</u>	<u>-</u>	<u>-</u>
Interest Income	65	80	65	365
Total	<u>\$ 411,411</u>	<u>\$ 392,095</u>	<u>\$ 591,225</u>	<u>\$ 521,005</u>
				<u>\$ 471,875</u>

Expenditures:

Personnel:				
Salaries & Wages	50,378	62,990	60,205	59,810
Other	<u>30,816</u>	<u>35,678</u>	<u>29,665</u>	<u>29,675</u>
Total	<u>81,194</u>	<u>98,668</u>	<u>89,870</u>	<u>89,485</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	22,522	85,399	112,080	92,080
Other	<u>34,290</u>	<u>29,530</u>	<u>37,785</u>	<u>72,160</u>
Total	<u>56,812</u>	<u>114,929</u>	<u>149,865</u>	<u>164,240</u>
Services:				
Power	49,368	46,505	60,000	55,000
Other	<u>205,633</u>	<u>121,832</u>	<u>254,575</u>	<u>189,235</u>
Total	<u>255,001</u>	<u>168,337</u>	<u>314,575</u>	<u>244,235</u>
Capital Outlay	3,404	5,161	31,915	18,045
Escrow:				
Reserve for Maintenance	15,000	5,000	5,000	5,000
Equipment Replacement	-	-	-	-
Total	<u>15,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 411,411</u>	<u>\$ 392,095</u>	<u>\$ 591,225</u>	<u>\$ 521,005</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

307 PANTHER CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 826,166	\$ 906,126	\$ 1,231,010	\$ 1,224,970	\$ 1,397,100
SUPPLIES	634,944	666,622	913,235	958,785	1,157,230
SERVICES	1,190,748	1,364,699	1,623,350	1,641,060	2,103,465
CAPITAL OUTLAY	16,121	39,960	254,000	133,850	225,500
ESCROW	1,000	10,000	10,000	10,000	6,000
CAPITAL IMPROVEMENT FUND	-	-	-	135,275	-
DEBT SERVICE	3,691,680	4,260,905	4,208,555	4,074,030	4,089,500
SPECIAL PROJECTS	-	-	10,000	10,000	10,000
TOTAL	\$ 6,360,660	\$ 7,248,312	\$ 8,250,150	\$ 8,187,970	\$ 8,988,795

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

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

307 PANTHER CREEK WASTEWATER TREATMENT PLANT

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:					
Sewer Facilities	\$ 6,338,725	\$ 7,233,718	\$ 8,249,895	\$ 8,186,030	\$ 8,986,755
Total	<u>6,338,725</u>	<u>7,233,718</u>	<u>8,249,895</u>	<u>8,186,030</u>	<u>8,986,755</u>
Other Charges:					
Other	21,738	14,263	-	-	-
Total	<u>21,738</u>	<u>14,263</u>	<u>-</u>	<u>-</u>	<u>-</u>
Interest Income	197	331	255	1,940	2,040
Total	<u>\$ 6,360,660</u>	<u>\$ 7,248,312</u>	<u>\$ 8,250,150</u>	<u>\$ 8,187,970</u>	<u>\$ 8,988,795</u>

Expenditures:

Personnel:					
Salaries & Wages	517,636	595,940	847,110	855,210	961,495
Other	<u>308,530</u>	<u>310,185</u>	<u>383,900</u>	<u>369,760</u>	<u>435,605</u>
Total	<u>826,166</u>	<u>906,126</u>	<u>1,231,010</u>	<u>1,224,970</u>	<u>1,397,100</u>
Supplies:					
Fuel	10,276	11,137	17,390	17,390	13,130
Chemicals	529,426	494,097	683,980	679,480	739,975
Other	<u>95,242</u>	<u>161,389</u>	<u>211,865</u>	<u>261,915</u>	<u>404,125</u>
Total	<u>634,944</u>	<u>666,622</u>	<u>913,235</u>	<u>958,785</u>	<u>1,157,230</u>
Services:					
Power	461,522	462,284	600,000	584,905	600,000
Other	<u>729,226</u>	<u>902,415</u>	<u>1,023,350</u>	<u>1,056,155</u>	<u>1,503,465</u>
Total	<u>1,190,748</u>	<u>1,364,699</u>	<u>1,623,350</u>	<u>1,641,060</u>	<u>2,103,465</u>
Capital Outlay	16,121	39,960	254,000	133,850	225,500
Escrow:					
Reserve for Maintenance	1,000	10,000	10,000	10,000	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	-	-	6,000
Total	<u>1,000</u>	<u>10,000</u>	<u>10,000</u>	<u>10,000</u>	<u>6,000</u>
Capital Improvement Fund	-	-	-	135,275	-
Debt Service	3,691,680	4,260,905	4,208,555	4,074,030	4,089,500
Special Projects	-	-	10,000	10,000	10,000
Total	<u>\$ 6,360,660</u>	<u>\$ 7,248,312</u>	<u>\$ 8,250,150</u>	<u>\$ 8,187,970</u>	<u>\$ 8,988,795</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

308 SABINE CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 101,528	\$ 123,414	\$ 122,600	\$ 122,055	\$ 144,555
SUPPLIES	100,620	76,962	82,170	86,715	100,485
SERVICES	525,305	377,977	455,525	453,025	494,090
CAPITAL OUTLAY	3,404	105,298	108,055	99,560	100,975
ESCROW	45,000	-	-	-	4,000
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	484,025	579,260	827,010	834,520	1,267,365
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	<u>\$ 1,259,882</u>	<u>\$ 1,262,911</u>	<u>\$ 1,595,360</u>	<u>\$ 1,595,875</u>	<u>\$ 2,111,470</u>

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 capacity of 1.5 MGD. 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 permit.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

308 SABINE CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Fate	\$ 512,304	\$ 481,396	\$ 649,255	\$ 637,858	\$ 859,112
Royse City	<u>746,429</u>	<u>778,285</u>	<u>945,965</u>	<u>957,417</u>	<u>1,251,728</u>
Total	<u>1,258,733</u>	<u>1,259,681</u>	<u>1,595,220</u>	<u>1,595,275</u>	<u>2,110,840</u>
Annual Flow (1,000):					
Fate	193,122	193,122	193,122	193,122	193,122
Royse City	<u>281,379</u>	<u>312,225</u>	<u>281,379</u>	<u>289,874</u>	<u>281,379</u>
Total	<u>474,501</u>	<u>505,347</u>	<u>474,501</u>	<u>482,996</u>	<u>474,501</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

308 SABINE CREEK WASTEWATER TREATMENT PLANT

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 1,258,733	\$ 1,259,681	\$ 1,595,220	\$ 1,595,275
Total	1,258,733	1,259,681	1,595,220	1,595,275
Other Charges:				
Lease	100	100	-	-
Other	953	2,998	-	-
Total	1,053	3,098	-	-
Interest Income	95	132	140	600
Total	<u>\$ 1,259,882</u>	<u>\$ 1,262,911</u>	<u>\$ 1,595,360</u>	<u>\$ 1,595,875</u>
				<u>\$ 2,111,470</u>

Expenditures:

Personnel:				
Salaries & Wages	62,986	78,796	83,230	82,255
Other	38,541	44,618	39,370	39,800
Total	101,528	123,414	122,600	122,055
				96,760
				47,795
				144,555
Supplies:				
Fuel	-	-	-	15
Chemicals	1,791	17,440	14,370	15,100
Other	98,829	59,523	67,800	71,600
Total	100,620	76,962	82,170	86,715
				14,460
				86,025
				100,485
Services:				
Power	128,647	138,463	160,000	137,065
Other	396,658	239,514	295,525	315,960
Total	525,305	377,977	455,525	453,025
				165,000
				329,090
				494,090
Capital Outlay	3,404	105,298	108,055	99,560
				100,975
Escrow:				
Reserve for Maintenance	45,000	-	-	-
Equipment Replacement	-	-	-	-
Preventive Maintenance	-	-	-	4,000
Total	45,000	-	-	4,000
Capital Improvement Fund	-	-	-	-
Debt Service	484,025	579,260	827,010	834,520
Special Projects	-	-	-	-
Total	<u>\$ 1,259,882</u>	<u>\$ 1,262,911</u>	<u>\$ 1,595,360</u>	<u>\$ 1,595,875</u>
				<u>\$ 2,111,470</u>
Revenues Over / (Under) Expenditures	-	-	-	-
	-	-	-	-

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

309 STEWART CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 426,036	\$ 424,309	\$ 687,130	\$ 636,075	\$ 764,650
SUPPLIES	386,777	430,760	715,115	631,615	695,630
SERVICES	765,173	907,882	1,008,395	1,047,870	1,313,750
CAPITAL OUTLAY	27,000	41,554	129,000	139,200	76,300
ESCROW	-	-	-	-	2,000
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	715,360	2,133,900	5,627,250	5,627,250	4,991,570
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 2,320,346	\$ 3,938,404	\$ 8,166,890	\$ 8,082,010	\$ 7,843,900

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 in late 2017. 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 permit.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

309 STEWART CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:					
Sewer Facilities	\$ 2,084,027	\$ 3,912,955	\$ 8,166,670	\$ 8,076,235	\$ 7,837,835
Total	2,084,027	3,912,955	8,166,670	8,076,235	7,837,835
Other Charges:					
Debt Acquisition	200,000	-	-	-	-
Reserve for Maintenance	23,000	-	-	-	-
Other	13,006	23,958	-	-	-
Total	236,006	23,958	-	-	-
Interest Income	313	1,491	220	5,775	6,065
Total	<u>\$ 2,320,346</u>	<u>\$ 3,938,404</u>	<u>\$ 8,166,890</u>	<u>\$ 8,082,010</u>	<u>\$ 7,843,900</u>

Expenditures:

Personnel:					
Salaries & Wages	253,134	254,880	466,745	433,640	502,685
Other	172,901	169,428	220,385	202,435	261,965
Total	426,036	424,309	687,130	636,075	764,650
Supplies:					
Fuel	6,746	6,628	9,135	9,135	7,620
Chemicals	286,631	321,931	560,280	475,610	486,140
Other	93,400	102,201	145,700	146,870	201,870
Total	386,777	430,760	715,115	631,615	695,630
Services:					
Power	292,604	314,804	325,000	311,110	350,000
Other	472,570	593,078	683,395	736,760	963,750
Total	765,173	907,882	1,008,395	1,047,870	1,313,750
Capital Outlay	27,000	41,554	129,000	139,200	76,300
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	-	-	2,000
Total	-	-	-	-	2,000
Capital Improvement Fund	-	-	-	-	-
Debt Service	715,360	2,133,900	5,627,250	5,627,250	4,991,570
Special Projects	-	-	-	-	-
Total	<u>\$ 2,320,346</u>	<u>\$ 3,938,404</u>	<u>\$ 8,166,890</u>	<u>\$ 8,082,010</u>	<u>\$ 7,843,900</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

310 MUDDY CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 947,879	\$ 951,844	\$ 1,365,720	\$ 1,346,575	\$ 1,454,050
SUPPLIES	311,515	391,386	542,260	586,060	588,535
SERVICES	1,235,642	1,579,925	1,471,920	1,456,750	1,624,060
CAPITAL OUTLAY	20,424	11,368	211,000	219,000	111,200
ESCROW	-	-	-	-	8,000
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	2,215,850	2,221,100	2,221,350	2,222,360	2,017,820
SPECIAL PROJECTS	-	-	20,000	-	20,000
TOTAL	\$ 4,731,311	\$ 5,155,623	\$ 5,832,250	\$ 5,830,745	\$ 5,823,665

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

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

310 MUDDY CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Murphy					
Allocated Expenditures	\$ 1,341,076	\$ 1,594,815	\$ 1,647,116	\$ 1,953,884	\$ 1,951,509
Allocated Interest Income	(51)	(94)	(75)	(511)	(538)
Less Credit	(103,619)	(103,619)	(103,619)	(103,619)	(103,619)
Less Other	(3,189)	(111)	-	-	-
Total	1,234,217	1,490,991	1,543,422	1,849,754	1,847,352
Wylie					
Allocated Expenditures	3,390,235	3,560,808	4,185,134	3,876,861	3,872,156
Allocated Interest Income	(129)	(209)	(190)	(1,014)	(1,067)
Less Credit	(241,211)	(241,211)	(241,211)	(241,211)	(241,211)
Less Other	(8,061)	(248)	-	-	-
Total	3,140,834	3,319,139	3,943,733	3,634,636	3,629,878
Total System					
Expenditures	4,731,311	5,155,623	5,832,250	5,830,745	5,823,665
Interest Income	(180)	(303)	(265)	(1,525)	(1,605)
Less Credit	(344,830)	(344,830)	(344,830)	(344,830)	(344,830)
Less Other	(11,250)	(360)	-	-	-
Total	\$ 4,375,051	\$ 4,810,130	\$ 5,487,155	\$ 5,484,390	\$ 5,477,230
Annual Flow (1,000):					
Murphy	564,350	755,513	619,009	848,739	823,276
Wylie	1,426,675	1,686,868	1,572,831	1,684,053	1,633,532
Total	1,991,025	2,442,381	2,191,840	2,532,792	2,456,808

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

310 MUDDY CREEK WASTEWATER TREATMENT PLANT

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 4,375,051	\$ 4,810,130	\$ 5,487,155	\$ 5,484,390
Total	<u>4,375,051</u>	<u>4,810,130</u>	<u>5,487,155</u>	<u>5,484,390</u>
Other Charges:				
Debt Acquisition	344,830	344,830	344,830	344,830
Other	11,250	360	-	-
Total	<u>356,080</u>	<u>345,190</u>	<u>344,830</u>	<u>344,830</u>
Interest Income	180	303	265	1,525
Total	<u>\$ 4,731,311</u>	<u>\$ 5,155,623</u>	<u>\$ 5,832,250</u>	<u>\$ 5,830,745</u>

Expenditures:

Personnel:				
Salaries & Wages	626,002	657,901	933,195	936,950
Other	<u>321,878</u>	<u>293,943</u>	<u>432,525</u>	<u>409,625</u>
Total	<u>947,879</u>	<u>951,844</u>	<u>1,365,720</u>	<u>1,346,575</u>
Supplies:				
Fuel	9,769	8,270	12,710	12,710
Chemicals	198,188	199,199	276,700	238,700
Other	<u>103,559</u>	<u>183,917</u>	<u>252,850</u>	<u>334,650</u>
Total	<u>311,515</u>	<u>391,386</u>	<u>542,260</u>	<u>586,060</u>
Services:				
Power	342,215	338,817	420,000	372,100
Other	<u>893,427</u>	<u>1,241,107</u>	<u>1,051,920</u>	<u>1,084,650</u>
Total	<u>1,235,642</u>	<u>1,579,925</u>	<u>1,471,920</u>	<u>1,456,750</u>
Capital Outlay	20,424	11,368	211,000	219,000
Escrow:				
Reserve for Maintenance	-	-	-	-
Equipment Replacement	-	-	-	-
Preventive Maintenance	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>8,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	2,215,850	2,221,100	2,221,350	2,222,360
Special Projects	-	-	20,000	-
Total	<u>\$ 4,731,311</u>	<u>\$ 5,155,623</u>	<u>\$ 5,832,250</u>	<u>\$ 5,830,745</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

311 SEIS LAGOS WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 33,843	\$ 41,072	\$ 39,935	\$ 39,720	\$ 58,195
SUPPLIES	24,284	26,060	27,150	19,480	38,285
SERVICES	64,604	65,799	87,540	72,020	88,040
CAPITAL OUTLAY	3,404	5,161	21,460	22,020	4,725
ESCROW	-	2,500	2,500	2,500	4,000
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 126,135	\$ 140,592	\$ 178,585	\$ 155,740	\$ 193,245

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 permit limit.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

311 SEIS LAGOS WASTEWATER TREATMENT PLANT

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 125,651	\$ 140,373	\$ 178,530	\$ 155,610
Total	<u>125,651</u>	<u>140,373</u>	<u>178,530</u>	<u>155,610</u>
Other Charges:				
Other	452	166	-	-
Total	<u>452</u>	<u>166</u>	<u>-</u>	<u>-</u>
Interest Income	31	53	55	130
Total	<u>126,135</u>	<u>140,592</u>	<u>\$ 178,585</u>	<u>\$ 155,740</u>
				<u>\$ 193,245</u>

Expenditures:

Personnel:				
Salaries & Wages	20,992	26,210	26,465	26,390
Other	<u>12,851</u>	<u>14,862</u>	<u>13,470</u>	<u>13,330</u>
Total	<u>33,843</u>	<u>41,072</u>	<u>39,935</u>	<u>39,720</u>
				<u>58,195</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	3,783	3,309	3,215	1,725
Other	<u>20,501</u>	<u>22,751</u>	<u>23,935</u>	<u>17,755</u>
Total	<u>24,284</u>	<u>26,060</u>	<u>27,150</u>	<u>19,480</u>
				<u>38,285</u>
Services:				
Power	17,867	13,213	22,000	15,000
Other	<u>46,737</u>	<u>52,586</u>	<u>65,540</u>	<u>57,020</u>
Total	<u>64,604</u>	<u>65,799</u>	<u>87,540</u>	<u>72,020</u>
				<u>88,040</u>
Capital Outlay	3,404	5,161	21,460	22,020
				<u>4,725</u>
Escrow:				
Reserve for Maintenance	-	2,500	2,500	2,500
Equipment Replacement	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>-</u>	<u>2,500</u>	<u>2,500</u>	<u>2,500</u>
				<u>4,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 126,135</u>	<u>\$ 140,592</u>	<u>\$ 178,585</u>	<u>\$ 155,740</u>
				<u>\$ 193,245</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

312 ROYSE CITY WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 4,660	\$ 5,663	\$ 5,255	\$ 5,300	\$ 6,785
SUPPLIES	95	266	1,775	1,560	2,055
SERVICES	5,535	5,744	19,295	19,310	9,180
CAPITAL OUTLAY	-	-	1,150	1,225	540
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 10,289	\$ 11,673	\$ 27,475	\$ 27,395	\$ 18,560

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

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

312 ROYSE CITY WASTEWATER TREATMENT PLANT

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 10,252	\$ 11,664	\$ 27,470	\$ 27,355
Total	<u>10,252</u>	<u>11,664</u>	<u>27,470</u>	<u>27,355</u>
Other Charges:				
Other	36	4	-	-
Total	<u>36</u>	<u>4</u>	<u>-</u>	<u>-</u>
Interest Income	1	6	5	40
Total	<u>10,289</u>	<u>11,673</u>	<u>\$ 27,475</u>	<u>\$ 27,395</u>
				<u>\$ 18,560</u>

Expenditures:

Personnel:				
Salaries & Wages	2,892	3,611	3,450	3,500
Other	<u>1,768</u>	<u>2,053</u>	<u>1,805</u>	<u>1,800</u>
Total	<u>4,660</u>	<u>5,663</u>	<u>5,255</u>	<u>5,300</u>
				<u>4,555</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	<u>95</u>	<u>266</u>	<u>1,775</u>	<u>1,560</u>
Total	<u>95</u>	<u>266</u>	<u>1,775</u>	<u>1,560</u>
				<u>2,055</u>
Services:				
Power	823	452	650	650
Other	<u>4,713</u>	<u>5,293</u>	<u>18,645</u>	<u>18,660</u>
Total	<u>5,535</u>	<u>5,744</u>	<u>19,295</u>	<u>19,310</u>
				<u>150</u>
Capital Outlay	-	-	1,150	1,225
Escrow	-	-	-	-
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 10,289</u>	<u>\$ 11,673</u>	<u>\$ 27,475</u>	<u>\$ 27,395</u>
				<u>\$ 18,560</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

313 FARMERSVILLE WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 50,758	\$ 61,616	\$ 57,035	\$ 56,435	\$ 79,040
SUPPLIES	24,063	33,156	42,915	42,525	54,940
SERVICES	121,268	125,901	152,985	145,080	163,085
CAPITAL OUTLAY	3,404	5,161	26,905	27,700	37,345
ESCROW	1,332	2,000	2,000	2,000	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 200,825	\$ 227,835	\$ 281,840	\$ 273,740	\$ 334,410

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

313 FARMERSVILLE WASTEWATER TREATMENT PLANT

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 200,192	\$ 227,502	\$ 281,780	\$ 273,605
Total	200,192	227,502	281,780	273,605
Other Charges:				
Other	593	274	-	-
Total	593	274	-	-
Interest Income	41	59	60	135
Total	<u>\$ 200,825</u>	<u>\$ 227,835</u>	<u>\$ 281,840</u>	<u>\$ 273,740</u>
				<u>\$ 334,410</u>

Expenditures:

Personnel:				
Salaries & Wages	31,490	39,317	37,675	37,300
Other	19,268	22,299	19,360	19,135
Total	50,758	61,616	57,035	56,435
Supplies:				
Fuel	-	-	-	-
Chemicals	6,221	12,073	11,600	10,600
Other	17,842	21,083	31,315	31,925
Total	24,063	33,156	42,915	42,525
Services:				
Power	24,552	48,906	45,000	46,800
Other	96,717	76,995	107,985	98,280
Total	121,268	125,901	152,985	145,080
Capital Outlay	3,404	5,161	26,905	27,700
Escrow:				
Reserve for Maintenance	1,332	2,000	2,000	2,000
Equipment Replacement	-	-	-	-
Total	1,332	2,000	2,000	2,000
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 200,825</u>	<u>\$ 227,835</u>	<u>\$ 281,840</u>	<u>\$ 273,740</u>
Revenues Over/(Under) Expenditures	<u> -</u>	<u> -</u>	<u> -</u>	<u> -</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

315 FRISCO COTTONWOOD CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 38,220	\$ 44,875	\$ 45,000	\$ 45,000	\$ 45,000
SUPPLIES	5,150	9,969	7,120	10,120	14,405
SERVICES	64,483	62,870	87,065	84,065	82,760
CAPITAL OUTLAY	-	-	13,500	13,500	13,500
ESCROW	1,000	1,000	1,000	1,000	1,500
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 108,853	\$ 118,714	\$ 153,685	\$ 153,685	\$ 157,165

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

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

315 FRISCO COTTONWOOD CREEK WASTEWATER TREATMENT PLANT

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 108,776	\$ 118,651	\$ 153,675	\$ 153,590
Total	<u>108,776</u>	<u>118,651</u>	<u>153,675</u>	<u>153,590</u>
Other Charges:				
Other	69	51	-	-
Total	<u>69</u>	<u>51</u>	<u>-</u>	<u>-</u>
Interest Income	7	13	10	95
Total	<u>\$ 108,853</u>	<u>\$ 118,714</u>	<u>\$ 153,685</u>	<u>\$ 153,685</u>
				<u>\$ 157,165</u>

Expenditures:

Personnel:				
Salaries & Wages	38,220	44,875	45,000	45,000
Other	-	-	-	-
Total	<u>38,220</u>	<u>44,875</u>	<u>45,000</u>	<u>45,000</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	3,535	3,592	3,600	3,600
Other	1,615	6,377	3,520	6,520
Total	<u>5,150</u>	<u>9,969</u>	<u>7,120</u>	<u>10,120</u>
Services:				
Power	28,714	26,455	35,000	35,000
Other	35,769	36,415	52,065	49,065
Total	<u>64,483</u>	<u>62,870</u>	<u>87,065</u>	<u>84,065</u>
Capital Outlay	-	-	13,500	13,500
Escrow:				
Reserve for Maintenance	1,000	1,000	1,000	1,000
Equipment Replacement	-	-	-	-
Total	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 108,853</u>	<u>\$ 118,714</u>	<u>\$ 153,685</u>	<u>\$ 153,685</u>
				<u>\$ 157,165</u>
Revenues Over / (Under) Expenditures	<u> -</u>	<u> -</u>	<u> -</u>	<u> -</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

317 LAVON WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 33,843	\$ 41,072	\$ 39,835	\$ 39,635	\$ 58,195
SUPPLIES	19,998	33,476	19,880	16,530	35,245
SERVICES	50,878	64,041	68,230	62,040	104,095
CAPITAL OUTLAY	15,543	10,398	30,460	28,580	29,725
ESCROW	1,000	1,000	1,000	1,000	2,000
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 121,262	\$ 149,987	\$ 159,405	\$ 147,785	\$ 229,260

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 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

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

317 LAVON WASTEWATER TREATMENT PLANT

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Sewer Facilities	\$ 120,762	\$ 149,755	\$ 159,360	\$ 147,665
Total	<u>120,762</u>	<u>149,755</u>	<u>159,360</u>	<u>147,665</u>
Other Charges:				
Other	467	186	-	-
Total	<u>467</u>	<u>186</u>	<u>-</u>	<u>-</u>
Interest Income	33	47	45	120
Total	<u>\$ 121,262</u>	<u>\$ 149,987</u>	<u>\$ 159,405</u>	<u>\$ 147,785</u>
				<u>\$ 229,260</u>

Expenditures:

Personnel:				
Salaries & Wages	20,992	26,210	26,375	26,320
Other	<u>12,851</u>	<u>14,862</u>	<u>13,460</u>	<u>13,315</u>
Total	<u>33,843</u>	<u>41,072</u>	<u>39,835</u>	<u>39,635</u>
				<u>39,845</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	3,783	2,410	2,745	2,245
Other	<u>16,215</u>	<u>31,066</u>	<u>17,135</u>	<u>14,285</u>
Total	<u>19,998</u>	<u>33,476</u>	<u>19,880</u>	<u>16,530</u>
				<u>32,145</u>
Services:				
Power	-	-	-	-
Other	<u>50,878</u>	<u>64,041</u>	<u>68,230</u>	<u>62,040</u>
Total	<u>50,878</u>	<u>64,041</u>	<u>68,230</u>	<u>62,040</u>
				<u>104,095</u>
Capital Outlay	15,543	10,398	30,460	28,580
				29,725
Escrow:				
Reserve for Maintenance	1,000	1,000	1,000	1,000
Equipment Replacement	-	-	-	-
Preventive Maintenance	-	-	-	2,000
Total	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>
				<u>2,000</u>
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 121,262</u>	<u>\$ 149,987</u>	<u>\$ 159,405</u>	<u>\$ 147,785</u>
				<u>\$ 229,260</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

502 FORNEY INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 21,559	\$ 22,559	\$ -	\$ -	\$ 14,550
SUPPLIES	60,681	61,328	85,775	97,925	95,425
SERVICES	57,384	127,836	101,360	95,965	227,985
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	1,332	2,000	2,000	2,000	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 140,956	\$ 213,723	\$ 189,135	\$ 195,890	\$ 337,960

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

502 FORNEY INTERCEPTOR

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 139,885	\$ 212,943	\$ 189,110	\$ 195,810
Total	139,885	212,943	189,110	195,810
Other Charges:				
Other	1,062	759	-	-
Total	1,062	759	-	-
Interest Income	9	21	25	80
Total	<u>\$ 140,956</u>	<u>\$ 213,723</u>	<u>\$ 189,135</u>	<u>\$ 195,890</u>
				<u>\$ 337,960</u>

Expenditures:

Personnel:				
Salaries & Wages	14,736	15,747	-	-
Other	6,823	6,812	-	-
Total	21,559	22,559	-	-
Supplies:				
Fuel	-	-	-	-
Chemicals	51,044	50,588	71,250	72,000
Other	9,637	10,741	14,525	25,925
Total	60,681	61,328	85,775	97,925
Services:				
Power	32,834	39,984	40,000	40,000
Other	24,550	87,852	61,360	55,965
Total	57,384	127,836	101,360	95,965
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	1,332	2,000	2,000	2,000
Equipment Replacement	-	-	-	-
Total	1,332	2,000	2,000	2,000
Capital Improvement Fund	-	-	-	-
Debt Service	-	-	-	-
Special Projects	-	-	-	-
Total	<u>\$ 140,956</u>	<u>\$ 213,723</u>	<u>\$ 189,135</u>	<u>\$ 195,890</u>
				<u>\$ 337,960</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

503 LOWER EAST FORK INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 21,559	\$ 23,061	\$ 9,245	\$ 10,290	\$ 14,270
SUPPLIES	53,265	58,290	88,625	79,375	99,545
SERVICES	72,989	115,107	105,535	149,775	324,095
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	2,000	2,000	2,000	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	1,424,060	1,431,510	1,438,500	1,288,510	1,274,500
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 1,571,873	\$ 1,629,968	\$ 1,643,905	\$ 1,529,950	\$ 1,712,410

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

503 LOWER EAST FORK INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Mesquite	\$ 1,228,523	\$ 1,274,227	\$ 1,285,664	\$ 1,196,527	\$ 1,339,226
Seagoville	342,267	355,000	358,186	333,353	373,109
Total	<u>\$ 1,570,790</u>	<u>\$ 1,629,227</u>	<u>\$ 1,643,850</u>	<u>\$ 1,529,880</u>	<u>\$ 1,712,335</u>
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	<u>3,467,500</u>	<u>3,467,500</u>	<u>3,467,500</u>	<u>3,467,500</u>	<u>3,467,500</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

503 LOWER EAST FORK INTERCEPTOR

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:					
Interceptor Facilities	\$ 1,570,790	\$ 1,629,227	\$ 1,643,850	\$ 1,529,880	\$ 1,712,335
Total	<u>1,570,790</u>	<u>1,629,227</u>	<u>1,643,850</u>	<u>1,529,880</u>	<u>1,712,335</u>
Other Charges:					
Other	1,033	687	-	-	-
Total	<u>1,033</u>	<u>687</u>	<u>-</u>	<u>-</u>	<u>-</u>
Interest Income	51	54	55	70	75
Total	<u>\$ 1,571,873</u>	<u>\$ 1,629,968</u>	<u>\$ 1,643,905</u>	<u>\$ 1,529,950</u>	<u>\$ 1,712,410</u>

Expenditures:

Personnel:					
Salaries & Wages	14,736	16,024	8,520	9,340	9,075
Other	<u>6,823</u>	<u>7,037</u>	<u>725</u>	<u>950</u>	<u>5,195</u>
Total	<u>21,559</u>	<u>23,061</u>	<u>9,245</u>	<u>10,290</u>	<u>14,270</u>
Supplies:					
Fuel	-	-	-	-	-
Chemicals	43,638	54,226	69,250	67,750	73,820
Other	<u>9,626</u>	<u>4,064</u>	<u>19,375</u>	<u>11,625</u>	<u>25,725</u>
Total	<u>53,265</u>	<u>58,290</u>	<u>88,625</u>	<u>79,375</u>	<u>99,545</u>
Services:					
Power	36,216	36,712	38,000	38,000	45,000
Other	<u>36,773</u>	<u>78,395</u>	<u>67,535</u>	<u>111,775</u>	<u>279,095</u>
Total	<u>72,989</u>	<u>115,107</u>	<u>105,535</u>	<u>149,775</u>	<u>324,095</u>
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	2,000	2,000	2,000	-
Equipment Replacement	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>-</u>	<u>2,000</u>	<u>2,000</u>	<u>2,000</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-	-
Debt Service	1,424,060	1,431,510	1,438,500	1,288,510	1,274,500
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 1,571,873</u>	<u>\$ 1,629,968</u>	<u>\$ 1,643,905</u>	<u>\$ 1,529,950</u>	<u>\$ 1,712,410</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

504 MUDDY CREEK INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	25,545	25,850	52,770	52,770	52,930
SERVICES	2,392	2,632	10,005	10,005	20,800
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	15,000
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	271,510	270,865	246,110	246,010	246,260
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 299,447	\$ 299,346	\$ 308,885	\$ 308,785	\$ 334,990

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

504 MUDDY CREEK INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Murphy	\$ 117,153	\$ 117,139	\$ 121,001	\$ 120,948	\$ 131,212
Wylie	181,895	181,873	187,869	187,787	203,723
Total	\$ 299,048	\$ 299,012	\$ 308,870	\$ 308,735	\$ 334,935
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

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

504 MUDDY CREEK INTERCEPTOR

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 299,048	\$ 299,012	\$ 308,870	\$ 308,735
Total	<u>299,048</u>	<u>299,012</u>	<u>308,870</u>	<u>308,735</u>
Other Charges:				
Other	386	318	-	-
Total	<u>386</u>	<u>318</u>	<u>-</u>	<u>-</u>
Interest Income	13	16	15	50
Total	<u>\$ 299,447</u>	<u>\$ 299,346</u>	<u>\$ 308,885</u>	<u>\$ 308,785</u>
				<u>\$ 334,990</u>

Expenditures:

Personnel	-	-	-	-
Supplies:				
Fuel	-	-	-	-
Chemicals	25,138	25,633	49,000	49,000
Other	<u>406</u>	<u>217</u>	<u>3,770</u>	<u>3,770</u>
Total	<u>25,545</u>	<u>25,850</u>	<u>52,770</u>	<u>52,770</u>
Services:				
Power	-	-	-	-
Other	<u>2,392</u>	<u>2,632</u>	<u>10,005</u>	<u>10,005</u>
Total	<u>2,392</u>	<u>2,632</u>	<u>10,005</u>	<u>10,005</u>
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	-	-	-	-
Equipment Replacement	-	-	-	-
Preventive Maintenance	-	-	-	15,000
Total	-	-	-	15,000
Capital Improvement Fund	-	-	-	-
Debt Service	271,510	270,865	246,110	246,010
Special Projects	-	-	-	-
Total	<u>\$ 299,447</u>	<u>\$ 299,346</u>	<u>\$ 308,885</u>	<u>\$ 308,785</u>
				<u>\$ 334,990</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

505 PARKER CREEK INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	1,500	1,575	11,165	11,165	11,365
SERVICES	386	776	8,905	8,900	17,400
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	1,000	1,000	1,000	1,000	9,000
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	222,725	226,510	490,260	225,510	224,020
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 225,611	\$ 229,861	\$ 511,330	\$ 246,575	\$ 261,785

DESCRIPTION

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

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

505 PARKER CREEK INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Fate	\$ 191,764	\$ 195,375	\$ 434,618	\$ 209,542	\$ 222,466
Royse City	33,841	34,478	76,697	36,978	39,259
Total	\$ 225,605	\$ 229,853	\$ 511,315	\$ 246,520	\$ 261,725
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

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

505 PARKER CREEK INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Revenues:					
Sewer Sales:					
Interceptor Facilities	\$ 225,605	\$ 229,853	\$ 511,315	\$ 246,520	\$ 261,725
Total	225,605	229,853.21	511,315	246,520	261,725
Interest Income	6	8	15	55	60
Total	\$ 225,611	\$ 229,861	\$ 511,330	<b">\$ 246,575</b">	\$ 261,785

Expenditures:

Personnel	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	1,500	1,575	11,165	11,165	11,365
Total	1,500	1,575	11,165	11,165	11,365
Services:					
Power	235	252	350	350	365
Other	152	524	8,555	8,550	17,035
Total	386	776	8,905	8,900	17,400
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	1,000	1,000	1,000	1,000	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	-	-	9,000
Total	1,000	1,000	1,000	1,000	9,000
Capital Improvement Fund	-	-	-	-	-
Debt Service	222,725	226,510	490,260	225,510	224,020
Special Projects	-	-	-	-	-
Total	\$ 225,611	\$ 229,861	\$ 511,330	\$ 246,575	\$ 261,785
Revenues Over/(Under) Expenditures	-	-	-	-	-

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

506 SABINE CREEK INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	585	1,473	265	265	615
SERVICES	26	626	7,545	7,540	9,980
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	179,725	182,010	181,750	181,750	181,010
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 180,337	\$ 184,109	\$ 189,560	\$ 189,555	\$ 191,605

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

506 SABINE CREEK INTERCEPTOR

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 180,332	\$ 184,098	\$ 189,555	\$ 189,550
Total	<u>180,332</u>	<u>184,098</u>	<u>189,555</u>	<u>189,550</u>
Other Charges:				
Other	1	7	-	-
Total	<u>1</u>	<u>7</u>	<u>-</u>	<u>-</u>
Interest Income	4	4	5	5
Total	<u>\$ 180,337</u>	<u>\$ 184,109</u>	<u>\$ 189,560</u>	<u>\$ 189,555</u>
				<u>\$ 191,605</u>

Expenditures:

Personnel	-	-	-	-
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	585	1,473	265	265
Total	<u>585</u>	<u>1,473</u>	<u>265</u>	<u>265</u>
Services:				
Power	-	-	-	-
Other	26	626	7,545	7,540
Total	<u>26</u>	<u>626</u>	<u>7,545</u>	<u>7,540</u>
Capital Outlay	-	-	-	-
Escrow	-	-	-	-
Capital Improvement Fund	-	-	-	-
Debt Service	179,725	182,010	181,750	181,750
Special Projects	-	-	-	-
Total	<u>\$ 180,337</u>	<u>\$ 184,109</u>	<u>\$ 189,560</u>	<u>\$ 189,555</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

507 BUFFALO CREEK INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 21,567	\$ 22,626	\$ -	\$ -	\$ 16,120
SUPPLIES	63,912	55,735	125,485	81,870	116,765
SERVICES	52,890	91,593	103,335	186,960	289,580
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	125,000	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	1,294,020	1,406,270	1,437,780	1,436,520	1,448,530
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 1,557,389	\$ 1,576,224	\$ 1,666,600	\$ 1,705,350	\$ 1,870,995

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

507 BUFFALO CREEK INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Forney	\$ 118,729	\$ 173,912	\$ 116,850	\$ 232,099	\$ 246,501
Heath	409,754	512,866	482,148	547,762	581,752
Rockwall	1,027,801	888,653	1,067,572	890,614	1,042,367
Total	\$ 1,556,284	\$ 1,575,431	\$ 1,666,570	\$ 1,670,475	\$ 1,870,620
Annual Flow (1,000):					
Forney	82,214	139,293	77,904	185,486	168,316
Heath	283,754	410,772	321,448	437,754	397,232
Rockwall	711,750	711,750	711,750	711,750	711,750
Total	1,077,718	1,261,815	1,111,102	1,334,990	1,277,298

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

507 BUFFALO CREEK INTERCEPTOR

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 1,556,284	\$ 1,575,431	\$ 1,666,570	\$ 1,670,475
Total	<u>1,556,284</u>	<u>1,575,431</u>	<u>1,666,570</u>	<u>1,670,475</u>
Other Charges:				
Reserve for Maintenance	-	-	-	34,520
Other	1,064	743	-	-
Total	<u>1,064</u>	<u>743</u>	<u>-</u>	<u>34,520</u>
Interest Income	40	50	30	355
Total	<u>\$ 1,557,389</u>	<u>1,576,224</u>	<u>\$ 1,666,600</u>	<u>\$ 1,705,350</u>
				<u>\$ 1,870,995</u>

Expenditures:

Personnel:				
Salaries & Wages	14,741	15,766	-	-
Other	6,827	6,860	-	-
Total	<u>21,567</u>	<u>22,626</u>	<u>-</u>	<u>-</u>
Supplies:				
Fuel	-	-	-	-
Chemicals	58,915	50,892	93,750	55,535
Other	4,997	4,843	31,735	26,335
Total	<u>63,912</u>	<u>55,735</u>	<u>125,485</u>	<u>81,870</u>
Services:				
Power	33,577	44,359	40,000	48,000
Other	19,312	47,234	63,335	138,960
Total	<u>52,890</u>	<u>91,593</u>	<u>103,335</u>	<u>186,960</u>
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	125,000	-	-	-
Equipment Replacement	-	-	-	-
Total	<u>125,000</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-
Debt Service	1,294,020	1,406,270	1,437,780	1,436,520
Special Projects	-	-	-	-
Total	<u>\$ 1,557,389</u>	<u>\$ 1,576,224</u>	<u>\$ 1,666,600</u>	<u>\$ 1,705,350</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

508 MCKINNEY INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	- -	- -	450	450	450
SERVICES	389	778	1,770	1,770	1,890
CAPITAL OUTLAY	- -	- -	- -	- -	- -
ESCROW	- -	- -	- -	- -	4,750
CAPITAL IMPROVEMENT FUND	- -	- -	- -	- -	- -
DEBT SERVICE	103,185	4,600	4,830	- -	- -
SPECIAL PROJECTS	- -	- -	- -	- -	- -
TOTAL	\$ 103,574	\$ 5,378	\$ 7,050	\$ 2,220	\$ 7,090

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

508 MCKINNEY INTERCEPTOR

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:				
Interceptor Facilities	\$ 103,564	\$ 5,370	\$ 7,045	\$ 2,210
Total	<u>103,564</u>	<u>5,370</u>	<u>7,045</u>	<u>2,210</u>
Other Charges:				
Other	8	7	-	-
Total	<u>8</u>	<u>7</u>	<u>-</u>	<u>-</u>
Interest Income	2	1	5	10
Total	<u>\$ 103,574</u>	<u>\$ 5,378</u>	<u>\$ 7,050</u>	<u>\$ 2,220</u>
				<u>\$ 7,090</u>

Expenditures:

Personnel	-	-	-	-
Supplies:				
Fuel	-	-	-	-
Chemicals	-	-	-	-
Other	-	-	450	450
Total	<u>-</u>	<u>-</u>	<u>450</u>	<u>450</u>
Services:				
Power	294	288	360	360
Other	95	490	1,410	1,410
Total	<u>389</u>	<u>778</u>	<u>1,770</u>	<u>1,770</u>
Capital Outlay	-	-	-	-
Escrow:				
Reserve for Maintenance	-	-	-	-
Equipment Replacement	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>4,750</u>
Capital Improvement Fund	-	-	-	-
Debt Service	103,185	4,600	4,830	-
Special Projects	-	-	-	-
Total	<u>\$ 103,574</u>	<u>\$ 5,378</u>	<u>\$ 7,050</u>	<u>\$ 2,220</u>
				<u>\$ 7,090</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

509 MUSTANG CREEK INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	- -	- -	3,365	3,360	3,815
SERVICES	560	81	8,770	8,575	8,100
CAPITAL OUTLAY	- -	- -	- -	- -	- -
ESCROW	- -	5,000	5,000	5,000	32,895
CAPITAL IMPROVEMENT FUND	- -	- -	- -	- -	- -
DEBT SERVICE	571,270	570,760	569,510	569,510	564,510
SPECIAL PROJECTS	- -	- -	- -	- -	- -
TOTAL	\$ 571,830	\$ 575,841	\$ 586,645	\$ 586,445	\$ 609,320

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 WWTP.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

509 MUSTANG CREEK INTERCEPTOR

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:

Interceptor Facilities	\$ 571,815	\$ 575,825	\$ 586,630	\$ 586,345	\$ 609,215
Total	<u>571,815</u>	<u>575,825</u>	<u>586,630</u>	<u>586,345</u>	<u>609,215</u>
Interest Income	15	16	15	100	105
Total	<u>\$ 571,830</u>	<u>\$ 575,841</u>	<u>\$ 586,645</u>	<u>\$ 586,445</u>	<u>\$ 609,320</u>

Expenditures:

Personnel

Supplies:

Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	3,365	3,360	3,815
Total	<u>-</u>	<u>-</u>	<u>3,365</u>	<u>3,360</u>	<u>3,815</u>

Services:

Power	-	-	-	-	-
Other	560	81	8,770	8,575	8,100
Total	<u>560</u>	<u>81</u>	<u>8,770</u>	<u>8,575</u>	<u>8,100</u>

Capital Outlay

Escrow:

Reserve for Maintenance	-	5,000	5,000	5,000	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	-	-	32,895
Total	<u>-</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>32,895</u>

Capital Improvement Fund

Debt Service	571,270	570,760	569,510	569,510	564,510
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Special Projects

Total	<u>\$ 571,830</u>	<u>\$ 575,841</u>	<u>\$ 586,645</u>	<u>\$ 586,445</u>	<u>\$ 609,320</u>
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Revenues Over/(Under) Expenditures

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

510 PARKER CREEK PARALLEL INTERCEPTOR

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	-	-	-	-	500
SERVICES	-	-	-	-	5,980
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	77,000	176,710
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ 77,000	\$ 183,190

DESCRIPTION

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

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

510 PARKER CREEK PARALLEL INTERCEPTOR

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

Sewer Sales:

Interceptor Facilities	-	-	-	\$ 77,000	\$ 183,190
Total	-	-	-	77,000	183,190
Interest Income	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ 77,000	\$ 183,190

Expenditures:

Personnel

Supplies:	-	-	-	-	-
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	-	-	500
Total	-	-	-	-	500

Services:

Power	-	-	-	-	-
Other	-	-	-	-	5,980
Total	-	-	-	-	5,980

Capital Outlay

Escrow	-	-	-	-	-
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Capital Improvement Fund

Debt Service	-	-	-	77,000	176,710
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Special Projects

Total	\$ -	\$ -	\$ -	\$ 77,000	\$ 183,190
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Revenues Over/(Under) Expenditures

	-	-	-	-	-
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2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

601 SMALL WASTEWATER TREATMENT PLANTS

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	-	-	-	-	-
SERVICES	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

601 SMALL WASTEWATER TREATMENT PLANTS

2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
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Revenues:

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

Personnel	-	-	-	-	-
Supplies:					
Fuel	30,450	21,122	34,150	21,705	32,300
Chemicals	381	20	-	10	-
Other	(30,831)	(21,142)	(34,150)	(21,715)	(32,300)
Total	-	-	-	-	-

Services	-	-	-	-	-
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Capital Outlay	-	-	-	-	-
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Escrow:	-	-	-	-	-
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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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2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

602 DEWATERING PRESS OPERATIONS

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 118,317	\$ -	\$ -	\$ -	\$ -
SUPPLIES	43,413	-	-	-	-
SERVICES	9,351	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
RECOVERIES	(169,863)	-	-	-	-
TOTAL	\$ 1,217	\$ -	\$ -	\$ -	\$ -

DESCRIPTION

This operation provides dewatering services to remove solids and biosolids from the North Rockwall, Sabine Creek and Farmersville WWTPs. Beginning in 2014-15 these services are charged directly to the WWTPs.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

602 DEWATERING PRESS OPERATIONS

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
<u>Revenues:</u>					
Sewer Sales:					
Sewer Facilities	1,217	-	-	-	-
Total	1,217	-	-	-	-
Interest Income	-	-	-	-	-
TOTAL	\$ 1,217	\$ -	\$ -	\$ -	\$ -
<u>Expenditures:</u>					
Personnel:					
Salaries & Wages	69,697	-	-	-	-
Other	48,620	-	-	-	-
Total	118,317	-	-	-	-
Supplies:					
Fuel	424	-	-	-	-
Chemicals	34,049	-	-	-	-
Other	8,940	-	-	-	-
Total	43,413	-	-	-	-
Services:					
Power	-	-	-	-	-
Other	9,351	-	-	-	-
Total	9,351	-	-	-	-
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Recoveries	(169,863)	-	-	-	-
Total	\$ 1,217	\$ -	\$ -	\$ -	\$ -
Revenues Over / (Under) Expenditures	-	-	-	-	-

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

604 WASTEWATER PRETREATMENT PROGRAM

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 417,227	\$ 488,588	\$ 558,245	\$ 592,585	\$ 634,745
SUPPLIES	33,620	28,563	59,830	52,665	58,610
SERVICES	176,311	146,090	218,075	223,080	272,345
CAPITAL OUTLAY	-	-	29,800	30,785	-
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 627,158	\$ 663,241	\$ 865,950	\$ 899,115	\$ 965,700

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.

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

604 WASTEWATER PRETREATMENT PROGRAM

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Allen	\$ 32,648	\$ 35,237	\$ 46,931	\$ 47,370	\$ 60,486
Forney	19,589	22,255	28,159	33,159	35,283
Frisco	19,589	13,909	28,159	14,211	15,121
McKinney	132,225	124,257	157,220	164,610	183,978
Mesquite	138,755	157,639	199,459	214,349	226,822
Plano	31,016	24,109	32,852	33,159	35,283
Rockwall	24,486	22,255	35,199	31,975	45,364
Seagoville	29,383	33,382	42,238	42,633	45,364
Sunnyvale	19,589	22,255	28,159	28,422	30,243
Terrell	112,636	139,093	175,993	177,637	189,019
Wylie	63,664	68,620	91,516	92,370	98,292
Total	\$ 623,580	\$ 663,011	\$ 865,885	\$ 879,895	\$ 965,255
User Months:	-	-	-	-	-
Allen	40	38	40	40	48
Forney	24	24	24	28	28
Frisco	24	15	24	12	12
McKinney	162	134	134	139	146
Mesquite	170	170	170	181	180
Plano	38	26	28	28	28
Rockwall	30	24	30	27	36
Seagoville	36	36	36	36	36
Sunnyvale	24	24	24	24	24
Terrell	138	150	150	150	150
Wylie	78	74	78	78	78
Total	764	715	738	743	766

2016-2017 ANNUAL BUDGET

SEWER SYSTEM

DETAIL LISTING

604 WASTEWATER PRETREATMENT PROGRAM

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Revenues:					
Pretreatment	\$ 623,580	\$ 663,011	\$ 865,885	\$ 879,895	\$ 965,255
Other	3,526	158	-	18,800	-
Total	<u>627,106</u>	<u>663,169</u>	<u>865,885</u>	<u>898,695</u>	<u>965,255</u>
Interest Income	52	72	65	420	445
Total	<u>\$ 627,158</u>	<u>\$ 663,241</u>	<u>\$ 865,950</u>	<u>\$ 899,115</u>	<u>\$ 965,700</u>
 Expenditures:					
Personnel:					
Salaries & Wages	266,476	338,184	404,125	427,840	428,655
Other	150,751	150,404	154,120	164,745	206,090
Total	<u>417,227</u>	<u>488,588</u>	<u>558,245</u>	<u>592,585</u>	<u>634,745</u>
Supplies:					
Fuel	6,392	5,076	8,490	3,990	5,785
Chemicals	-	-	-	-	-
Other	27,229	23,487	51,340	48,675	52,825
Total	<u>33,620</u>	<u>28,563</u>	<u>59,830</u>	<u>52,665</u>	<u>58,610</u>
Services:					
Power	-	-	-	-	-
Other	176,311	146,090	218,075	223,080	272,345
Total	<u>176,311</u>	<u>146,090</u>	<u>218,075</u>	<u>223,080</u>	<u>272,345</u>
Capital Outlay	-	-	29,800	30,785	-
Escrow	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 627,158</u>	<u>\$ 663,241</u>	<u>\$ 865,950</u>	<u>\$ 899,115</u>	<u>\$ 965,700</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

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2016 - 2017 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

2016 - 2017 ANNUAL BUDGET

WASTEWATER SYSTEM

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2016-2017 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

EXPENDITURE COMPARISON

BY FUNCTION AND BY CHARACTER

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
BY FUNCTION					
5080 WILSON CREEK WWTP	\$ 14,340,514	\$ 15,257,060	\$ 18,412,705	\$ 18,157,095	\$ 17,773,995
5090 FLOYD BRANCH WWTP	1,354,244	1,558,849	1,866,720	1,926,250	1,731,610
5100 ROWLETT CREEK WWTP	5,123,119	5,368,638	6,709,395	6,845,305	7,126,510
5180 MESQUITE WWTP	7,410,215	7,784,818	9,726,765	9,651,895	9,578,805
5999 DEBT SERVICE	16,001,395	16,697,305	18,865,350	18,865,350	22,699,875
TOTAL	\$ 44,229,486	\$ 46,666,669	\$ 55,580,935	\$ 55,445,895	\$ 58,910,795
BY CHARACTER					
PERSONNEL	\$ 9,169,644	\$ 9,467,974	\$ 10,323,455	\$ 10,341,150	\$ 11,154,415
SUPPLIES	7,414,200	6,962,888	7,995,555	7,717,180	7,531,575
SERVICES	10,909,599	12,626,867	16,610,775	16,205,150	16,188,230
CAPITAL OUTLAY	714,523	910,885	1,675,800	2,306,015	1,081,700
ESCROW	600,000	100,000	100,000	100,000	-
CAPITAL IMPROVEMENT FUND	-	-	-	630,630	-
DEBT SERVICE	15,401,395	16,597,305	18,765,350	18,134,720	22,699,875
SPECIAL PROJECTS	20,126	751	110,000	11,050	255,000
TOTAL	\$ 44,229,486	\$ 46,666,669	\$ 55,580,935	\$ 55,445,895	\$ 58,910,795

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.

2016-2017 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

MEMBER CITY CHARGES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
<u>Member City Charges:</u>					
Allen	\$ 3,482,594	\$ 4,144,843	\$ 5,187,298	\$ 4,833,076	\$ 5,135,063
Forney	969,385	1,227,299	1,301,543	1,443,151	1,533,326
Frisco	1,733,920	1,718,346	2,219,027	1,997,693	2,122,516
Heath	471,404	589,467	626,579	707,082	751,263
McKinney	8,026,549	8,311,189	9,753,639	9,714,238	10,321,215
Mesquite	6,558,110	6,322,642	7,999,779	7,927,830	8,423,187
Plano	14,571,724	14,710,024	17,735,115	17,486,367	18,578,956
Princeton	346,123	360,924	436,457	465,517	494,602
Prosper	539,078	606,392	696,043	765,041	812,843
Richardson	4,451,787	4,763,972	5,605,486	5,900,631	6,269,321
Rockwall	849,873	966,922	1,235,692	1,107,527	1,176,726
Seagoville	982,335	848,529	1,152,532	955,097	1,118,292
Total	\$ 42,982,883	\$ 44,570,547	\$ 53,949,190	\$ 53,303,250	\$ 56,737,310
Cost per 1,000	\$ 1.66	\$ 1.44	\$ 1.95	\$ 1.62	\$ 1.89

Flows (1,000):

Allen	2,096,289	2,888,347	2,661,314	2,992,154	2,715,178
Forney	583,505	855,247	667,749	893,454	810,750
Frisco	1,043,704	1,197,435	1,138,459	1,236,770	1,122,286
Heath	283,754	410,772	321,463	437,754	397,232
McKinney	4,831,446	5,791,679	5,004,049	6,014,077	5,457,369
Mesquite	3,947,544	4,405,954	4,104,241	4,908,113	4,453,782
Plano	8,771,204	10,250,728	9,098,900	10,825,796	9,823,671
Princeton	208,343	251,511	223,922	288,201	261,522
Prosper	324,489	422,566	357,101	473,636	429,793
Richardson	2,679,678	3,319,789	2,875,863	3,653,076	3,314,920
Rockwall	511,567	673,803	633,965	685,669	622,197
Seagoville	591,300	591,300	591,300	591,300	591,300
Total	25,872,823	31,059,131	27,678,326	33,000,000	30,000,000

2016-2017 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

BUDGET SUMMARY

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
<u>Revenues:</u>					
Wastewater Sales:					
Members	\$ 42,982,883	\$ 44,570,547	\$ 53,949,190	\$ 53,303,250	\$ 56,737,310
Customers	<u>751,284</u>	<u>1,662,027</u>	<u>1,219,120</u>	<u>1,585,160</u>	<u>1,688,970</u>
Total	<u>43,734,167</u>	<u>46,232,574</u>	<u>55,168,310</u>	<u>54,888,410</u>	<u>58,426,280</u>
Other Charges:					
Other	<u>493,189</u>	<u>430,570</u>	<u>410,460</u>	<u>538,710</u>	<u>464,800</u>
Total	<u>493,189</u>	<u>430,570</u>	<u>410,460</u>	<u>538,710</u>	<u>464,800</u>
Interest Income	<u>2,130</u>	<u>3,525</u>	<u>2,165</u>	<u>18,775</u>	<u>19,715</u>
Total	<u><u>\$ 44,229,486</u></u>	<u><u>\$ 46,666,669</u></u>	<u><u>\$ 55,580,935</u></u>	<u><u>\$ 55,445,895</u></u>	<u><u>\$ 58,910,795</u></u>
<u>Expenditures:</u>					
Personnel:					
Salaries & Wages	\$ 5,793,445	\$ 6,190,664	\$ 6,993,725	\$ 7,058,780	\$ 7,447,735
Other	<u>3,376,200</u>	<u>3,277,309</u>	<u>3,329,730</u>	<u>3,282,370</u>	<u>3,706,680</u>
Total	<u>9,169,644</u>	<u>9,467,974</u>	<u>10,323,455</u>	<u>10,341,150</u>	<u>11,154,415</u>
Supplies:					
Fuel	<u>543,820</u>	<u>619,982</u>	<u>464,550</u>	<u>449,550</u>	<u>500,495</u>
Chemicals	<u>4,962,932</u>	<u>4,692,375</u>	<u>5,088,075</u>	<u>4,759,725</u>	<u>4,868,495</u>
Other	<u>1,907,448</u>	<u>1,650,532</u>	<u>2,442,930</u>	<u>2,507,905</u>	<u>2,162,585</u>
Total	<u>7,414,200</u>	<u>6,962,888</u>	<u>7,995,555</u>	<u>7,717,180</u>	<u>7,531,575</u>
Services:					
Power	<u>3,478,249</u>	<u>3,254,943</u>	<u>3,820,000</u>	<u>3,284,485</u>	<u>3,108,000</u>
Other	<u>7,431,349</u>	<u>9,371,924</u>	<u>12,790,775</u>	<u>12,920,665</u>	<u>13,080,230</u>
Total	<u>10,909,599</u>	<u>12,626,867</u>	<u>16,610,775</u>	<u>16,205,150</u>	<u>16,188,230</u>
Capital Outlay	<u>714,523</u>	<u>910,885</u>	<u>1,675,800</u>	<u>2,306,015</u>	<u>1,081,700</u>
Escrow - Rsv for Maint	<u>600,000</u>	<u>100,000</u>	<u>100,000</u>	<u>100,000</u>	<u>-</u>
Capital Improvement Fund	<u>-</u>	<u>-</u>	<u>-</u>	<u>630,630</u>	<u>-</u>
Debt Service	<u>15,401,395</u>	<u>16,597,305</u>	<u>18,765,350</u>	<u>18,134,720</u>	<u>22,699,875</u>
Special Projects	<u>20,126</u>	<u>751</u>	<u>110,000</u>	<u>11,050</u>	<u>255,000</u>
Total	<u><u>\$ 44,229,486</u></u>	<u><u>\$ 46,666,669</u></u>	<u><u>\$ 55,580,935</u></u>	<u><u>\$ 55,445,895</u></u>	<u><u>\$ 58,910,795</u></u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

EXPENDITURE SUMMARY

5080 WILSON CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 4,138,841	\$ 4,310,227	\$ 4,755,285	\$ 4,882,975	\$ 5,074,255
SUPPLIES	4,640,070	4,227,155	4,641,060	4,484,145	4,238,345
SERVICES	5,234,178	5,919,126	8,324,360	7,617,205	7,926,395
CAPITAL OUTLAY	312,424	800,551	662,000	1,172,770	520,000
SPECIAL PROJECTS	15,000	-	30,000	-	15,000
TOTAL	\$ 14,340,514	\$ 15,257,060	\$ 18,412,705	\$ 18,157,095	\$ 17,773,995

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, Anna, Fairview, Lucas, McKinney, Melissa, Parker, Plano, Princeton and Prosper. 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.

2016-2017 ANNUAL BUDGET
REGIONAL WASTEWATER SYSTEM
DETAIL LISTING

5080 WILSON CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 2,585,986	\$ 2,814,495	\$ 3,172,740	\$ 3,297,325	\$ 3,318,740
Other	1,552,855	1,495,732	1,582,545	1,585,650	1,755,515
Total	<u>4,138,841</u>	<u>4,310,227</u>	<u>4,755,285</u>	<u>4,882,975</u>	<u>5,074,255</u>
Supplies:					
Fuel	331,984	387,936	282,910	282,910	317,345
Chemicals	3,219,351	2,884,283	3,183,760	2,855,710	2,825,245
Other	1,088,735	954,937	1,174,390	1,345,525	1,095,755
Total	<u>4,640,070</u>	<u>4,227,155</u>	<u>4,641,060</u>	<u>4,484,145</u>	<u>4,238,345</u>
Services:					
Power	1,579,389	1,473,399	1,800,000	1,500,000	1,350,000
Other	3,654,789	4,445,727	6,524,360	6,117,205	6,576,395
Total	<u>5,234,178</u>	<u>5,919,126</u>	<u>8,324,360</u>	<u>7,617,205</u>	<u>7,926,395</u>
Capital Outlay	312,424	800,551	662,000	1,172,770	520,000
Special Projects	15,000	-	30,000	-	15,000
Total	<u>\$ 14,340,514</u>	<u>\$ 15,257,060</u>	<u>\$ 18,412,705</u>	<u>\$ 18,157,095</u>	<u>\$ 17,773,995</u>

2016-2017 ANNUAL BUDGET
REGIONAL WASTEWATER SYSTEM
EXPENDITURE SUMMARY
5090 FLOYD BRANCH WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 572,476	\$ 549,627	\$ 631,680	\$ 619,675	\$ 700,470
SUPPLIES	157,433	135,604	227,575	196,750	182,730
SERVICES	601,730	867,390	875,965	956,930	728,910
CAPITAL OUTLAY	17,480	5,478	111,500	152,895	109,500
SPECIAL PROJECTS	5,126	751	20,000	-	10,000
TOTAL	\$ 1,354,244	\$ 1,558,849	\$ 1,866,720	\$ 1,926,250	\$ 1,731,610

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

2016-2017 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

DETAIL LISTING

5090 FLOYD BRANCH WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 364,268	\$ 378,087	\$ 445,000	\$ 431,930	\$ 479,875
Other	208,207	171,540	186,680	187,745	220,595
Total	<u>572,476</u>	<u>549,627</u>	<u>631,680</u>	<u>619,675</u>	<u>700,470</u>
Supplies:					
Fuel	6,272	5,353	7,975	7,975	6,825
Chemicals	62,766	42,676	60,430	63,250	58,900
Other	88,394	87,574	159,170	125,525	117,005
Total	<u>157,433</u>	<u>135,604</u>	<u>227,575</u>	<u>196,750</u>	<u>182,730</u>
Services:					
Power	201,636	181,780	220,000	208,670	180,000
Other	400,094	685,609	655,965	748,260	548,910
Total	<u>601,730</u>	<u>867,390</u>	<u>875,965</u>	<u>956,930</u>	<u>728,910</u>
Capital Outlay	17,480	5,478	111,500	152,895	109,500
Special Projects	5,126	751	20,000	-	10,000
Total	<u>\$ 1,354,244</u>	<u>\$ 1,558,849</u>	<u>\$ 1,866,720</u>	<u>\$ 1,926,250</u>	<u>\$ 1,731,610</u>

2016-2017 ANNUAL BUDGET
REGIONAL WASTEWATER SYSTEM
EXPENDITURE SUMMARY
5100 ROWLETT CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 1,857,868	\$ 1,806,501	\$ 2,036,990	\$ 1,898,660	\$ 2,183,650
SUPPLIES	1,048,996	1,062,447	1,319,845	1,367,150	1,293,950
SERVICES	2,066,594	2,457,578	3,032,060	3,324,945	3,199,110
CAPITAL OUTLAY	149,660	42,111	290,500	254,550	234,800
SPECIAL PROJECTS	-	-	30,000	-	215,000
TOTAL	\$ 5,123,119	\$ 5,368,638	\$ 6,709,395	\$ 6,845,305	\$ 7,126,510

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

2016-2017 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

DETAIL LISTING

5100 ROWLETT CREEK WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,099,488	\$ 1,163,666	\$ 1,358,660	\$ 1,277,725	\$ 1,454,210
Other	758,380	642,835	678,330	620,935	729,440
Total	<u>1,857,868</u>	<u>1,806,501</u>	<u>2,036,990</u>	<u>1,898,660</u>	<u>2,183,650</u>
Supplies:					
Fuel	75,451	95,838	86,075	71,075	100,350
Chemicals	689,195	702,692	765,985	825,390	822,190
Other	284,350	263,918	467,785	470,685	371,410
Total	<u>1,048,996</u>	<u>1,062,447</u>	<u>1,319,845</u>	<u>1,367,150</u>	<u>1,293,950</u>
Services:					
Power	663,426	657,820	800,000	675,640	650,000
Other	1,403,168	1,799,759	2,232,060	2,649,305	2,549,110
Total	<u>2,066,594</u>	<u>2,457,578</u>	<u>3,032,060</u>	<u>3,324,945</u>	<u>3,199,110</u>
Capital Outlay	149660.08	42111	290,500	254,550	234,800
Special Projects	-	-	30,000	-	215,000
Total	<u>\$ 5,123,119</u>	<u>\$ 5,368,638</u>	<u>\$ 6,709,395</u>	<u>\$ 6,845,305</u>	<u>\$ 7,126,510</u>

2016-2017 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

EXPENDITURE SUMMARY

5180 MESQUITE WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 2,600,459	\$ 2,801,619	\$ 2,899,500	\$ 2,939,840	\$ 3,196,040
SUPPLIES	1,567,700	1,537,682	1,807,075	1,669,135	1,816,550
SERVICES	3,007,097	3,382,773	4,378,390	4,306,070	4,333,815
CAPITAL OUTLAY	234,959	62,745	611,800	725,800	217,400
SPECIAL PROJECTS	-	-	30,000	11,050	15,000
TOTAL	\$ 7,410,215	\$ 7,784,818	\$ 9,726,765	\$ 9,651,895	\$ 9,578,805

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

2016-2017 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

DETAIL LISTING

5180 MESQUITE WASTEWATER TREATMENT PLANT

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,743,702	\$ 1,834,416	\$ 2,017,325	\$ 2,051,800	\$ 2,194,910
Other	856,757	967,202	882,175	888,040	1,001,130
Total	<u>2,600,459</u>	<u>2,801,619</u>	<u>2,899,500</u>	<u>2,939,840</u>	<u>3,196,040</u>
Supplies:					
Fuel	130,113	130,854	87,590	87,590	75,975
Chemicals	991,619	1,062,724	1,077,900	1,015,375	1,162,160
Other	445,968	344,104	641,585	566,170	578,415
Total	<u>1,567,700</u>	<u>1,537,682</u>	<u>1,807,075</u>	<u>1,669,135</u>	<u>1,816,550</u>
Services:					
Power	1,033,798	941,944	1,000,000	900,175	928,000
Other	1,973,299	2,440,829	3,378,390	3,405,895	3,405,815
Total	<u>3,007,097</u>	<u>3,382,773</u>	<u>4,378,390</u>	<u>4,306,070</u>	<u>4,333,815</u>
Capital Outlay	234,959	62,745	611,800	725,800	217,400
Special Projects	-	-	30,000	11,050	15,000
Total	<u>\$ 7,410,215</u>	<u>\$ 7,784,818</u>	<u>\$ 9,726,765</u>	<u>\$ 9,651,895</u>	<u>\$ 9,578,805</u>

2016-2017 ANNUAL BUDGET

REGIONAL WASTEWATER SYSTEM

EXPENDITURE SUMMARY

5999 DEBT SERVICE

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
ESCROW	\$ 600,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -
CAPITAL IMPROVEMENT FUND	-	-	-	630,630	-
DEBT SERVICE	<u>15,401,395</u>	<u>16,597,305</u>	<u>18,765,350</u>	<u>18,134,720</u>	<u>22,699,875</u>
TOTAL	<u>\$ 16,001,395</u>	<u>\$ 16,697,305</u>	<u>\$ 18,865,350</u>	<u>\$ 18,865,350</u>	<u>\$ 22,699,875</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.

2016-2017 ANNUAL BUDGET
REGIONAL WASTEWATER SYSTEM
DETAIL LISTING
5999 DEBT SERVICE

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Escrow	\$ 600,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -
Capital Improvement Fund	-	-	-	630,630	-
Debt Service	<u>15,401,395</u>	<u>16,597,305</u>	<u>18,765,350</u>	<u>18,134,720</u>	<u>22,699,875</u>
Total	<u>\$ 16,001,395</u>	<u>\$ 16,697,305</u>	<u>\$ 18,865,350</u>	<u>\$ 18,865,350</u>	<u>\$ 22,699,875</u>

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2016 - 2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

2016 - 2017 ANNUAL BUDGET

SOLID WASTE SYSTEM

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2016-2017 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
EXPENDITURE COMPARISON
BY FUNCTION AND BY CHARACTER

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
BY FUNCTION					
5511 LOOKOUT TRANSFER STATION	\$ 3,725,954	\$ 3,364,132	\$ 3,344,080	\$ 3,267,445	\$ 3,737,650
5512 PARKWAY TRANSFER STATION	1,827,471	2,071,764	1,930,985	1,956,935	2,354,305
5513 CUSTER TRANSFER STATION	3,262,107	3,285,873	3,055,180	3,142,360	3,252,205
5521 MAXWELL CREEK LANDFILL	24,860	22,636	43,100	40,600	42,145
5522 MCKINNEY LANDFILL	78,231	80,473	162,220	169,955	57,890
5523 121 RDF LANDFILL	10,273,564	11,393,406	13,698,260	13,594,180	13,660,600
5530 FLEET MAINTENANCE SHOP	1,569,340	1,699,712	1,937,780	1,894,035	2,110,900
5999 DEBT SERVICE	4,573,890	6,894,165	6,814,320	6,814,320	7,450,715
TOTAL	\$ 25,335,417	\$ 28,812,161	\$ 30,985,925	\$ 30,879,830	\$ 32,666,410

BY CHARACTER

PERSONNEL	\$ 9,117,166	\$ 9,266,113	\$ 9,519,020	\$ 9,636,420	\$ 9,930,335
SUPPLIES	4,061,398	3,797,405	3,643,965	3,368,775	3,793,005
SERVICES	4,686,969	5,003,995	5,379,080	6,159,790	5,592,500
CAPITAL OUTLAY	2,806,488	3,850,483	5,534,540	4,900,525	5,859,855
ESCROW	605,000	1,050,000	650,000	650,000	100,000
CAPITAL IMPROVEMENT FUND	-	1,622,000	980,000	980,000	1,200,000
DEBT SERVICE	3,968,890	4,222,165	5,184,320	5,184,320	6,150,715
SPECIAL PROJECTS	89,505	-	95,000	-	40,000
TOTAL	\$ 25,335,417	\$ 28,812,161	\$ 30,985,925	\$ 30,879,830	\$ 32,666,410

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.

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

MEMBER CITY CHARGES

<u>Member City Charges:</u>	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Allen	\$ 1,790,506	\$ 2,152,276	\$ 2,198,574	\$ 2,263,383	\$ 2,350,088
Frisco	2,797,460	3,625,201	3,759,754	4,150,800	4,680,439
McKinney	4,138,964	5,001,834	5,304,142	5,540,656	6,007,375
Plano	6,691,380	7,659,694	8,756,961	8,079,834	8,429,861
Richardson	<u>2,923,283</u>	<u>3,696,921</u>	<u>4,254,429</u>	<u>3,888,652</u>	<u>4,078,527</u>
Total	\$ 18,341,594	\$ 22,135,926	\$ 24,273,860	\$ 23,923,325	\$ 25,546,290
Cost per Ton	\$ 32.47	\$ 36.12	\$ 38.25	\$ 37.39	\$ 38.25

Billing Tons:

Allen	55,142	59,591	57,476	60,533	61,447
Frisco	86,152	100,371	98,289	111,011	122,378
McKinney	127,467	138,488	138,663	148,182	157,073
Plano	206,079	212,070	228,928	216,091	220,413
Richardson	<u>90,028</u>	<u>102,357</u>	<u>111,221</u>	<u>104,000</u>	<u>106,640</u>
Total	<u>564,868</u>	<u>612,877</u>	<u>634,577</u>	<u>639,817</u>	<u>667,951</u>

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

BUDGET SUMMARY

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
<u>Revenues:</u>					
Solid Waste Sales:					
Members	\$ 18,341,594	\$ 22,135,926	\$ 24,273,860	\$ 23,923,325	\$ 25,546,290
Customers	2,983,566	3,229,927	2,860,000	3,837,335	3,423,500
Total	21,325,160	25,365,853	27,133,860	27,760,660	28,969,790
Other Charges:					
Sludge Disposal	2,363,860	2,814,709	2,710,000	2,432,150	2,604,000
Composting	507,610	439,258	535,210	475,210	479,400
Other	1,137,345	191,095	605,490	204,145	605,170
Total	4,008,815	3,445,062	3,850,700	3,111,505	3,688,570
Interest Income	1,441	1,246	1,365	7,665	8,050
Total	<u>\$ 25,335,417</u>	<u>\$ 28,812,161</u>	<u>\$ 30,985,925</u>	<u>\$ 30,879,830</u>	<u>\$ 32,666,410</u>
<u>Expenditures:</u>					
Personnel:					
Salaries & Wages	\$ 6,188,599	\$ 6,405,083	\$ 6,514,370	\$ 6,565,315	\$ 6,554,935
Other	2,928,568	2,861,030	3,004,650	3,071,105	3,375,400
Total	9,117,166	9,266,113	9,519,020	9,636,420	9,930,335
Supplies:					
Fuel	2,406,843	2,220,135	2,095,025	1,549,350	1,928,665
Chemicals	31,917	35,842	36,000	36,000	36,000
Other	1,622,638	1,541,428	1,512,940	1,783,425	1,828,340
Total	4,061,398	3,797,405	3,643,965	3,368,775	3,793,005
Services:					
Power	162,641	158,421	164,520	177,035	187,580
Other	4,524,328	4,845,574	5,214,560	5,982,755	5,404,920
Total	4,686,969	5,003,995	5,379,080	6,159,790	5,592,500
Capital Outlay	2,806,488	3,850,483	5,534,540	4,900,525	5,859,855
Escrow:					
Rsv for Maint	50,000	50,000	50,000	50,000	50,000
Equip Replacement	555,000	1,000,000	600,000	600,000	50,000
Total	605,000	1,050,000	650,000	650,000	100,000
Capital Improvement Fund	-	1,622,000	980,000	980,000	1,200,000
Debt Service	3,968,890	4,222,165	5,184,320	5,184,320	6,150,715
Special Projects	89,505	-	95,000	-	40,000
Total	<u>\$ 25,335,417</u>	<u>\$ 28,812,161</u>	<u>\$ 30,985,925</u>	<u>\$ 30,879,830</u>	<u>\$ 32,666,410</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

EXPENDITURE SUMMARY

5511 LOOKOUT TRANSFER STATION

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 1,771,126	\$ 1,754,529	\$ 1,733,825	\$ 1,790,300	\$ 1,739,480
SUPPLIES	727,535	747,964	643,940	533,515	654,785
SERVICES	851,853	515,015	504,815	528,180	518,385
CAPITAL OUTLAY	375,439	346,624	446,500	415,450	820,000
SPECIAL PROJECTS	-	-	15,000	-	5,000
TOTAL	\$ 3,725,954	\$ 3,364,132	\$ 3,344,080	\$ 3,267,445	\$ 3,737,650

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 compactor units and transported to the 121 Regional Disposal Facility. During Fiscal Year 2016-17, the new Top-Load Building will be operational. The site is permitted to accept an average of 625 tons per day. One resident drop off pit allows 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.

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

DETAIL LISTING

5511 LOOKOUT TRANSFER STATION

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,246,585	\$ 1,248,161	\$ 1,204,000	\$ 1,238,480	\$ 1,197,105
Other	524,541	506,368	529,825	551,820	542,375
Total	<u>1,771,126</u>	<u>1,754,529</u>	<u>1,733,825</u>	<u>1,790,300</u>	<u>1,739,480</u>
Supplies:					
Fuel	503,013	472,431	429,295	292,355	350,845
Chemicals	9,000	8,250	9,000	9,000	9,000
Other	215,522	267,283	205,645	232,160	294,940
Total	<u>727,535</u>	<u>747,964</u>	<u>643,940</u>	<u>533,515</u>	<u>654,785</u>
Services:					
Power	19,708	19,526	19,200	24,200	20,000
Other	832,145	495,489	485,615	503,980	498,385
Total	<u>851,853</u>	<u>515,015</u>	<u>504,815</u>	<u>528,180</u>	<u>518,385</u>
Capital Outlay	375,439	346,624	446,500	415,450	820,000
Special Projects	<u>-</u>	<u>-</u>	<u>15,000</u>	<u>-</u>	<u>5,000</u>
Total	<u>\$ 3,725,954</u>	<u>\$ 3,364,132</u>	<u>\$ 3,344,080</u>	<u>\$ 3,267,445</u>	<u>\$ 3,737,650</u>

2016-2017 ANNUAL BUDGET**REGIONAL SOLID WASTE SYSTEM****EXPENDITURE SUMMARY****5512 PARKWAY TRANSFER STATION**

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 1,100,203	\$ 1,093,754	\$ 1,119,400	\$ 1,159,240	\$ 1,150,560
SUPPLIES	428,531	501,098	426,585	407,015	493,065
SERVICES	298,738	346,264	370,000	390,680	372,680
CAPITAL OUTLAY	-	130,649	-	-	333,000
SPECIAL PROJECTS	-	-	15,000	-	5,000
TOTAL	\$ 1,827,471	\$ 2,071,764	\$ 1,930,985	\$ 1,956,935	\$ 2,354,305

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.

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

DETAIL LISTING

5512 PARKWAY TRANSFER STATION

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 725,146	\$ 784,241	\$ 809,985	\$ 830,990	\$ 801,195
Other	375,057	309,513	309,415	328,250	349,365
Total	<u>1,100,203</u>	<u>1,093,754</u>	<u>1,119,400</u>	<u>1,159,240</u>	<u>1,150,560</u>
Supplies:					
Fuel	303,171	314,923	292,510	222,055	280,185
Chemicals	9,250	8,298	9,000	9,000	9,000
Other	116,111	177,877	125,075	175,960	203,880
Total	<u>428,531</u>	<u>501,098</u>	<u>426,585</u>	<u>407,015</u>	<u>493,065</u>
Services:					
Power	23,116	20,672	22,000	22,000	21,000
Other	275,622	325,592	348,000	368,680	351,680
Total	<u>298,738</u>	<u>346,264</u>	<u>370,000</u>	<u>390,680</u>	<u>372,680</u>
Capital Outlay	-	130,649	-	-	333,000
Special Projects	<u>-</u>	<u>-</u>	<u>15,000</u>	<u>-</u>	<u>5,000</u>
Total	<u>\$ 1,827,471</u>	<u>\$ 2,071,764</u>	<u>\$ 1,930,985</u>	<u>\$ 1,956,935</u>	<u>\$ 2,354,305</u>

2016-2017 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
EXPENDITURE SUMMARY
5513 CUSTER TRANSFER STATION

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 1,870,612	\$ 2,000,232	\$ 1,888,585	\$ 1,974,620	\$ 1,957,840
SUPPLIES	749,783	723,316	626,730	601,605	683,380
SERVICES	515,214	483,545	524,865	566,135	523,485
CAPITAL OUTLAY	126,497	78,780	-	-	82,500
SPECIAL PROJECTS	-	-	15,000	-	5,000
TOTAL	<u>\$ 3,262,107</u>	<u>\$ 3,285,873</u>	<u>\$ 3,055,180</u>	<u>\$ 3,142,360</u>	<u>\$ 3,252,205</u>

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.

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

DETAIL LISTING

5513 CUSTER TRANSFER STATION

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 1,291,587	\$ 1,418,586	\$ 1,330,950	\$ 1,393,400	\$ 1,341,550
Other	579,025	581,646	557,635	581,220	616,290
Total	<u>1,870,612</u>	<u>2,000,232</u>	<u>1,888,585</u>	<u>1,974,620</u>	<u>1,957,840</u>
Supplies:					
Fuel	457,284	425,675	382,695	303,515	381,605
Chemicals	9,019	8,250	9,000	9,000	9,000
Other	283,480	289,390	235,035	289,090	292,775
Total	<u>749,783</u>	<u>723,316</u>	<u>626,730</u>	<u>601,605</u>	<u>683,380</u>
Services:					
Power	33,148	32,602	33,600	33,600	34,000
Other	482,066	450,942	491,265	532,535	489,485
Total	<u>515,214</u>	<u>483,545</u>	<u>524,865</u>	<u>566,135</u>	<u>523,485</u>
Capital Outlay	126,497	78,780	-	-	82,500
Special Projects	<u>-</u>	<u>-</u>	<u>15,000</u>	<u>-</u>	<u>5,000</u>
Total	<u>\$ 3,262,107</u>	<u>\$ 3,285,873</u>	<u>\$ 3,055,180</u>	<u>\$ 3,142,360</u>	<u>\$ 3,252,205</u>

2016-2017 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
EXPENDITURE SUMMARY
5521 MAXWELL CREEK LANDFILL

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	- -	353	- -	135	- -
SERVICES	24,860	22,283	43,100	40,465	42,145
CAPITAL OUTLAY	- -	- -	- -	- -	- -
SPECIAL PROJECTS	- -	- -	- -	- -	- -
TOTAL	\$ 24,860	\$ 22,636	\$ 43,100	\$ 40,600	\$ 42,145

DESCRIPTION

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

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

DETAIL LISTING

5521 MAXWELL CREEK LANDFILL

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies:					
Fuel	- -	- -	- -	- -	- -
Chemicals	- -	- -	- -	- -	- -
Other	- 353	- 353	- -	135	- -
Total	- 353	- 353	- -	135	- -
Services:					
Power	- -	- -	- -	- -	- -
Other	24,860	22,283	43,100	40,465	42,145
Total	24,860	22,283	43,100	40,465	42,145
Capital Outlay	- -	- -	- -	- -	- -
Special Projects	- -	- -	- -	- -	- -
Total	<u>\$ 24,860</u>	<u>\$ 22,636</u>	<u>\$ 43,100</u>	<u>\$ 40,600</u>	<u>\$ 42,145</u>

2016-2017 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
EXPENDITURE SUMMARY
5522 MCKINNEY LANDFILL

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ -	\$ -	\$ -	\$ -	\$ -
SUPPLIES	552	385	1,225	490	-
SERVICES	77,679	80,088	160,995	169,465	57,890
CAPITAL OUTLAY	-	-	-	-	-
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	\$ 78,231	\$ 80,473	\$ 162,220	\$ 169,955	\$ 57,890

DESCRIPTION

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

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

DETAIL LISTING

5522 MCKINNEY LANDFILL

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	<u>552</u>	<u>385</u>	<u>1,225</u>	<u>490</u>	<u>-</u>
Total	<u>552</u>	<u>385</u>	<u>1,225</u>	<u>490</u>	<u>-</u>
Services:					
Power	105	115	120	235	-
Other	<u>77,574</u>	<u>79,973</u>	<u>160,875</u>	<u>169,230</u>	<u>57,890</u>
Total	<u>77,679</u>	<u>80,088</u>	<u>160,995</u>	<u>169,465</u>	<u>57,890</u>
Capital Outlay	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 78,231</u>	<u>\$ 80,473</u>	<u>\$ 162,220</u>	<u>\$ 169,955</u>	<u>\$ 57,890</u>

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

EXPENDITURE SUMMARY

5523 121 REGIONAL DISPOSAL FACILITY

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 3,198,760	\$ 3,143,921	\$ 3,196,890	\$ 3,276,645	\$ 3,416,460
SUPPLIES	1,961,577	1,722,045	1,839,065	1,697,640	1,851,800
SERVICES	2,770,135	3,405,257	3,613,165	4,234,535	3,826,385
CAPITAL OUTLAY	2,253,588	3,122,183	4,999,140	4,385,360	4,540,955
SPECIAL PROJECTS	89,505	-	50,000	-	25,000
TOTAL	\$ 10,273,564	\$ 11,393,406	\$ 13,698,260	\$ 13,594,180	\$ 13,660,600

DESCRIPTION

The 121 Regional Disposal Facility is located at 3820 Sam Rayburn Highway in Melissa. The landfill accepts approximately 3,400 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. Composting activities performed by the City of Plano as contractor to the District also occur at the 121 RDF.

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

DETAIL LISTING

5523 121 REGIONAL DISPOSAL FACILITY

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 2,129,463	\$ 2,143,968	\$ 2,116,215	\$ 2,158,705	\$ 2,179,340
Other	1,069,296	999,953	1,080,675	1,117,940	1,237,120
Total	<u>3,198,760</u>	<u>3,143,921</u>	<u>3,196,890</u>	<u>3,276,645</u>	<u>3,416,460</u>
Supplies:					
Fuel	1,125,683	989,097	967,810	716,710	895,920
Chemicals	4,649	11,044	9,000	9,000	9,000
Other	831,245	721,904	862,255	971,930	946,880
Total	<u>1,961,577</u>	<u>1,722,045</u>	<u>1,839,065</u>	<u>1,697,640</u>	<u>1,851,800</u>
Services:					
Power	62,986	61,096	65,000	65,000	80,580
Other	2,707,149	3,344,161	3,548,165	4,169,535	3,745,805
Total	<u>2,770,135</u>	<u>3,405,257</u>	<u>3,613,165</u>	<u>4,234,535</u>	<u>3,826,385</u>
Capital Outlay	2,253,588	3,122,183	4,999,140	4,385,360	4,540,955
Special Projects	89,505	-	50,000	-	25,000
Total	<u>\$ 10,273,564</u>	<u>\$ 11,393,406</u>	<u>\$ 13,698,260</u>	<u>\$ 13,594,180</u>	<u>\$ 13,660,600</u>

2016-2017 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
EXPENDITURE SUMMARY
5530 FLEET MAINTENANCE SHOP

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 1,176,465	\$ 1,273,677	\$ 1,580,320	\$ 1,435,615	\$ 1,665,995
SUPPLIES	193,420	102,244	106,420	128,375	109,975
SERVICES	148,490	151,544	162,140	230,330	251,530
CAPITAL OUTLAY	50,964	172,247	88,900	99,715	83,400
SPECIAL PROJECTS	-	-	-	-	-
TOTAL	<u>\$ 1,569,340</u>	<u>\$ 1,699,712</u>	<u>\$ 1,937,780</u>	<u>\$ 1,894,035</u>	<u>\$ 2,110,900</u>

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.

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

DETAIL LISTING

5530 FLEET MAINTENANCE SHOP

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Personnel:					
Salaries & Wages	\$ 795,817	\$ 810,126	\$ 1,053,220	\$ 943,740	\$ 1,035,745
Other	380,648	463,551	527,100	491,875	630,250
Total	<u>1,176,465</u>	<u>1,273,677</u>	<u>1,580,320</u>	<u>1,435,615</u>	<u>1,665,995</u>
Supplies:					
Fuel	17,692	18,008	22,715	14,715	20,110
Chemicals	-	-	-	-	-
Other	175,728	84,236	83,705	113,660	89,865
Total	<u>193,420</u>	<u>102,244</u>	<u>106,420</u>	<u>128,375</u>	<u>109,975</u>
Services:					
Power	23,579	24,409	24,600	32,000	32,000
Other	124,911	127,135	137,540	198,330	219,530
Total	<u>148,490</u>	<u>151,544</u>	<u>162,140</u>	<u>230,330</u>	<u>251,530</u>
Capital Outlay	50,964	172,247	88,900	99,715	83,400
Special Projects	-	-	-	-	-
Total	<u>\$ 1,569,340</u>	<u>\$ 1,699,712</u>	<u>\$ 1,937,780</u>	<u>\$ 1,894,035</u>	<u>\$ 2,110,900</u>

2016-2017 ANNUAL BUDGET
REGIONAL SOLID WASTE SYSTEM
EXPENDITURE SUMMARY
5999 DEBT SERVICE

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
ESCROW CAPITAL IMPROVEMENT FUND DEBT SERVICE	\$ 605,000 - 3,968,890	\$ 1,050,000 1,622,000 4,222,165	\$ 650,000 980,000 5,184,320	\$ 650,000 980,000 5,184,320	\$ 100,000 1,200,000 6,150,715
TOTAL	<u>\$ 4,573,890</u>	<u>\$ 6,894,165</u>	<u>\$ 6,814,320</u>	<u>\$ 6,814,320</u>	<u>\$ 7,450,715</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.

2016-2017 ANNUAL BUDGET

REGIONAL SOLID WASTE SYSTEM

DETAIL LISTING

5999 DEBT SERVICE

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Escrow:					
Rsv for Maint	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Equip Replacement	555,000	1,000,000	600,000	600,000	50,000
	<u>605,000</u>	<u>1,050,000</u>	<u>650,000</u>	<u>650,000</u>	<u>100,000</u>
Capital Improvement Fund	-	1,622,000	980,000	980,000	1,200,000
Debt Service	<u>3,968,890</u>	<u>4,222,165</u>	<u>5,184,320</u>	<u>5,184,320</u>	<u>6,150,715</u>
Total	<u>\$ 4,573,890</u>	<u>\$ 6,894,165</u>	<u>\$ 6,814,320</u>	<u>\$ 6,814,320</u>	<u>\$ 7,450,715</u>

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2016 - 2017 ANNUAL BUDGET

UPPER EAST FORK INTERCEPTOR SYSTEM

2016 - 2017 ANNUAL BUDGET

UPPER EAST FORK INTERCEPTOR SYSTEM

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2016-2017 ANNUAL BUDGET

UPPER EAST FORK INTERCEPTOR SYSTEM

EXPENDITURE COMPARISON

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
PERSONNEL	\$ 684,859	\$ 858,983	\$ 1,502,935	\$ 1,545,910	\$ 1,671,220
SUPPLIES	1,778,369	1,870,239	2,496,955	2,205,480	2,774,215
SERVICES	2,809,687	4,658,529	4,749,190	5,024,675	6,729,810
CAPITAL OUTLAY	59,014	49,587	673,300	673,300	231,000
ESCROW	-	-	-	-	-
CAPITAL IMPROVEMENT FUND	300,000	500,000	-	2,593,620	-
DEBT SERVICE	13,686,010	13,744,050	15,614,085	13,018,410	17,550,610
SPECIAL PROJECTS	-	-	50,000	-	50,000
	<u>\$ 19,317,939</u>	<u>\$ 21,681,389</u>	<u>\$ 25,086,465</u>	<u>\$ 25,061,395</u>	<u>\$ 29,006,855</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.

2016-2017 ANNUAL BUDGET
UPPER EAST FORK INTERCEPTOR SYSTEM
MEMBER CITY CHARGES

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
Allen	\$ 2,032,515	\$ 2,558,988	\$ 3,101,817	\$ 2,909,879	\$ 3,392,516
Frisco	1,011,957	1,060,875	1,326,898	1,202,762	1,402,256
McKinney	4,684,444	5,131,204	5,832,323	5,848,708	6,818,784
Plano	8,504,325	9,081,765	10,604,956	10,528,118	12,274,320
Princeton	201,995	222,835	260,986	280,276	326,762
Prosper	514,909	470,513	618,979	516,472	663,559
Richardson	<u>1,910,299</u>	<u>2,141,157</u>	<u>2,498,571</u>	<u>2,479,315</u>	<u>2,893,098</u>
Total	\$ 18,860,443	\$ 20,667,336	\$ 24,244,530	\$ 23,765,530	\$ 27,771,295
Cost per 1,000	\$ 0.97	\$ 0.89	\$ 1.17	\$ 0.97	\$ 1.25

Flows (1,000):

Allen	2,096,289	2,888,347	2,661,314	2,992,154	2,715,178
Frisco	1,043,704	1,197,435	1,138,459	1,236,770	1,122,286
McKinney	4,831,446	5,791,679	5,004,049	6,014,077	5,457,369
Plano	8,771,204	10,250,728	9,098,900	10,825,796	9,823,671
Princeton	208,343	251,511	223,922	288,201	261,522
Prosper	531,075	531,075	531,075	531,075	531,075
Richardson	<u>1,970,239</u>	<u>2,416,767</u>	<u>2,143,739</u>	<u>2,549,416</u>	<u>2,315,471</u>
Total	<u>19,452,300</u>	<u>23,327,542</u>	<u>20,801,458</u>	<u>24,437,489</u>	<u>22,226,572</u>

2016-2017 ANNUAL BUDGET

UPPER EAST FORK INTERCEPTOR SYSTEM

BUDGET SUMMARY

	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 BUDGET	2015-16 AMENDED	2016-17 PROPOSED
<u>Revenues:</u>					
Wastewater Sales:					
Members	\$ 18,860,443	\$ 20,667,336	\$ 24,244,530	\$ 23,765,530	\$ 27,771,295
Customers	419,092	992,176	729,900	1,143,870	1,117,780
Total	19,279,536	21,659,512	24,974,430	24,909,400	28,889,075
Other	37,674	20,741	111,000	148,515	114,125
Interest Income	729	1,136	1,035	3,480	3,655
Total	<u>\$ 19,317,939</u>	<u>\$ 21,681,389</u>	<u>\$ 25,086,465</u>	<u>\$ 25,061,395</u>	<u>\$ 29,006,855</u>
<u>Expenditures:</u>					
Personnel:					
Salaries & Wages	\$ 401,992	\$ 540,312	\$ 1,065,210	\$ 1,139,360	\$ 1,191,585
Other	282,868	318,671	437,725	406,550	479,635
Total	684,859	858,983	1,502,935	1,545,910	1,671,220
Supplies:					
Fuel	32,900	25,133	36,735	31,735	45,675
Chemicals	1,579,966	1,559,923	1,938,300	1,635,300	2,246,850
Other	165,503	285,183	521,920	538,445	481,690
Total	1,778,369	1,870,239	2,496,955	2,205,480	2,774,215
Services:					
Power	1,450,112	1,552,481	1,500,000	1,360,000	1,500,000
Other	1,359,575	3,106,048	3,249,190	3,664,675	5,229,810
Total	2,809,687	4,658,529	4,749,190	5,024,675	6,729,810
Capital Outlay	59,014	49,587	673,300	673,300	231,000
Escrow	-	-	-	-	-
Capital Improvement Fund	300,000	500,000	-	2,593,620	-
Debt Service	13,686,010	13,744,050	15,614,085	13,018,410	17,550,610
Special Projects	-	-	50,000	-	50,000
Total	<u>\$ 19,317,939</u>	<u>\$ 21,681,389</u>	<u>\$ 25,086,465</u>	<u>\$ 25,061,395</u>	<u>\$ 29,006,855</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

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2016 - 2017 ANNUAL BUDGET

APPENDIX

2016 - 2017 ANNUAL BUDGET

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**2016 - 2017 ANNUAL BUDGET
DEBT SERVICE SCHEDULES**

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL WATER SYSTEM REVENUE BONDS

September 30, 2016

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
2017	0.854-5.000	\$ 42,225,000.00	\$ 27,700,646.26	\$ 27,700,646.26	\$ (4,258,558.92)	\$ 93,367,733.60
2018	1.064-5.250	44,100,000.00	26,736,996.21	26,736,996.21	(4,212,900.12)	93,361,092.30
2019	1.372-5.250	47,055,000.00	25,707,098.74	25,830,580.34	(4,163,790.82)	94,428,888.26
2020	1.642-5.250	49,055,000.00	24,708,994.59	24,708,994.59	(4,112,054.84)	94,360,934.34
2021	1.947-5.250	50,315,000.00	23,530,237.16	23,530,237.16	(4,056,482.92)	93,318,991.40
2022	2.131-5.250	49,500,000.00	22,305,624.12	22,305,624.12	(3,938,565.82)	90,172,682.42
2023	2.280-5.343	52,655,000.00	21,092,561.59	21,092,561.59	(3,812,751.88)	91,027,371.30
2024	2.351-6.003	55,060,000.00	19,791,453.71	19,791,453.71	(3,678,917.72)	90,963,989.70
2025	2.532-6.003	52,850,000.00	18,438,131.96	18,438,131.96	(3,529,169.66)	86,197,094.26
2026	2.463-6.003	55,310,000.00	17,134,280.74	17,134,280.74	(3,371,885.96)	86,206,675.52
2027	2.706-6.003	57,955,000.00	15,757,328.54	15,757,328.54	(3,200,340.26)	86,269,316.82
2028	3.018-6.003	58,005,000.00	14,491,681.10	14,491,681.10	(3,022,424.32)	83,965,937.88
2029	3.500-6.003	59,645,000.00	13,017,461.28	13,017,461.28	(2,837,838.50)	82,842,084.06
2030	3.000-6.123	61,545,000.00	11,521,501.20	11,521,501.20	(2,646,372.70)	81,941,629.70
2031	3.750-6.123	65,510,000.00	10,250,239.68	10,250,239.68	(2,439,339.62)	83,571,139.74
2032	3.500-6.123	68,700,000.00	8,706,785.63	8,706,785.63	(2,224,204.92)	83,889,366.34
2033	3.750-6.123	45,915,000.00	7,150,741.40	7,150,741.40	(2,000,650.84)	58,215,831.96
2034	3.750-6.123	48,015,000.00	5,977,464.68	5,977,464.68	(1,768,363.38)	58,201,565.98
2035	5.000-6.123	44,965,000.00	4,750,664.05	4,750,664.05	(1,527,024.82)	52,939,303.28
2036	5.000-6.123	30,060,000.00	3,563,153.45	3,563,153.45	(1,274,142.40)	35,912,164.50
2037	4.000-6.123	24,585,000.00	2,745,739.15	2,745,739.15	(1,011,177.40)	29,065,300.90
2038	4.000-6.123	25,695,000.00	2,087,692.83	2,087,692.83	(737,917.46)	29,132,468.20
2039	4.000-6.123	19,440,000.00	1,400,432.58	1,400,432.58	(453,832.78)	21,787,032.38
2040	4.000-6.010	13,345,000.00	868,077.00	868,077.00	(158,603.90)	14,922,550.10
2041	4.000	6,095,000.00	525,400.00	525,400.00	-	7,145,800.00
2042	4.000	6,400,000.00	403,500.00	403,500.00	-	7,207,000.00
2043	4.000	6,720,000.00	275,500.00	275,500.00	-	7,271,000.00
2044	4.000	7,055,000.00	141,100.00	141,100.00	-	7,337,200.00
		<u>\$ 1,147,775,000.00</u>	<u>\$ 330,780,487.65</u>	<u>\$ 330,903,969.25</u>	<u>\$ (64,437,311.96)</u>	<u>\$ 1,745,022,144.94</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL WATER SYSTEM UNITED STATES GOVERNMENT CONTRACTS PAYABLE - LAVON

September 30, 2016

Long term debt outstanding at September 30, 2016, 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 at 3.225% per annum	TOTAL	Principal	Interest at 3.225% per annum	TOTAL
2017	\$ 469,250.57	\$ 196,081.73	\$ 665,332.30	\$ 698,145.75	\$ 230,842.30	\$ 928,988.05
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>\$ 6,080,053.69</u>	<u>\$ 1,238,601.29</u>	<u>\$ 7,318,654.98</u>	<u>\$ 7,157,900.72</u>	<u>\$ 1,202,991.98</u>	<u>\$ 8,360,892.70</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL WATER SYSTEM UNITED STATES GOVERNMENT CONTRACTS PAYABLE - CHAPMAN

September 30, 2016

Long term debt outstanding at September 30, 2016, 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
2017	\$ 48,320.66	\$ 90,649.41	\$ 138,970.07	\$ 236,553.84	\$ 488,756.32	\$ 725,310.16
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
2041-2045	555,926.66	138,923.71	694,850.37	2,721,539.29	905,011.50	3,626,550.79
2046-2050	513,455.37	42,424.92	555,880.29	3,193,949.19	432,601.59	3,626,550.78
2051	-	-	-	702,459.16	22,851.00	725,310.16
	<u>\$ 2,786,640.36</u>	<u>\$ 1,799,372.08</u>	<u>\$ 4,586,012.44</u>	<u>\$ 15,024,786.92</u>	<u>\$ 10,361,068.56</u>	<u>\$ 25,385,855.48</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL WASTEWATER SYSTEM REVENUE BONDS

September 30, 2016

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
2017	2.000-5.000	\$ 12,370,000.00	\$ 3,308,014.38	\$ 4,698,526.88	\$ 20,376,541.26
2018	2.000-5.000	12,085,000.00	4,418,976.88	4,418,976.88	20,922,953.76
2019	2.000-5.000	11,220,000.00	4,144,851.88	4,144,851.88	19,509,703.76
2020	2.000-5.000	11,720,000.00	3,893,576.88	3,893,576.88	19,507,153.76
2021	2.000-5.000	12,225,000.00	3,631,051.88	3,631,051.88	19,487,103.76
2022	2.000-5.000	12,765,000.00	3,356,042.50	3,356,042.50	19,477,085.00
2023	3.000-5.000	9,590,000.00	3,067,642.50	3,067,642.50	15,725,285.00
2024	3.000-5.000	10,020,000.00	2,853,575.00	2,853,575.00	15,727,150.00
2025	3.000-5.000	10,470,000.00	2,629,056.25	2,629,056.25	15,728,112.50
2026	3.000-5.000	10,950,000.00	2,392,515.63	2,392,515.63	15,735,031.26
2027	3.000-5.000	10,300,000.00	2,152,059.38	2,152,059.38	14,604,118.76
2028	3.000-5.000	10,780,000.00	1,924,640.63	1,924,640.63	14,629,281.26
2029	3.000-5.000	7,910,000.00	1,679,434.38	1,679,434.38	11,268,868.76
2030	3.125-5.000	5,480,000.00	1,505,312.50	1,505,312.50	8,490,625.00
2031	3.125-5.000	5,720,000.00	1,396,856.25	1,396,856.25	8,513,712.50
2032	3.250-5.000	4,955,000.00	1,276,037.50	1,276,037.50	7,507,075.00
2033	3.250-5.000	5,165,000.00	1,179,603.13	1,179,603.13	7,524,206.26
2034	3.500-5.000	3,605,000.00	1,079,137.50	1,079,137.50	5,763,275.00
2035	3.500-5.000	3,760,000.00	1,002,212.50	1,002,212.50	5,764,425.00
2036	4.000	3,935,000.00	922,050.00	922,050.00	5,779,100.00
2037	4.000	4,110,000.00	843,350.00	843,350.00	5,796,700.00
2038	4.000	4,290,000.00	761,150.00	761,150.00	5,812,300.00
2039	3.000-4.000	4,485,000.00	675,350.00	675,350.00	5,835,700.00
2040	3.000-4.000	4,685,000.00	596,850.00	596,850.00	5,878,700.00
2041	3.000-4.000	4,900,000.00	514,800.00	514,800.00	5,929,600.00
2042	3.000-4.000	5,120,000.00	428,925.00	428,925.00	5,977,850.00
2043	3.000-4.000	5,355,000.00	339,125.00	339,125.00	6,033,250.00
2044	3.000-4.000	5,590,000.00	245,150.00	245,150.00	6,080,300.00
2045	3.000-4.000	5,845,000.00	146,975.00	146,975.00	6,138,950.00
2046	3.000	2,950,000.00	44,250.00	44,250.00	3,038,500.00
		<u>\$ 222,355,000.00</u>	<u>\$ 52,408,572.55</u>	<u>\$ 53,799,085.05</u>	<u>\$ 328,562,657.60</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL SOLID WASTE SYSTEM REVENUE BONDS

September 30, 2016

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
2017	3.500-5.000	\$ 3,385,000.00	\$ 967,040.63	\$ 967,040.63	\$ 5,319,081.26
2018	4.000-5.000	3,495,000.00	899,215.63	899,215.63	5,293,431.26
2019	3.000-5.000	3,645,000.00	817,090.63	817,090.63	5,279,181.26
2020	3.740-5.000	3,775,000.00	746,903.13	746,903.13	5,268,806.26
2021	3.000-5.000	3,910,000.00	666,265.63	666,265.63	5,242,531.26
2022	3.000-5.000	4,060,000.00	586,415.63	586,415.63	5,232,831.26
2023	3.250-5.000	4,240,000.00	503,265.63	503,265.63	5,246,531.26
2024	5.000	2,485,000.00	413,671.88	413,671.88	3,312,343.76
2025	5.000-5.125	2,605,000.00	351,546.88	351,546.88	3,308,093.76
2026	5.000-5.250	2,740,000.00	285,521.88	285,521.88	3,311,043.76
2027	5.000-5.250	2,325,000.00	215,128.13	215,128.13	2,755,256.26
2028	5.000-5.375	2,430,000.00	155,009.38	155,009.38	2,740,018.76
2029	3.000	790,000.00	98,668.75	98,668.75	987,337.50
2030	3.000	820,000.00	86,818.75	86,818.75	993,637.50
2031	3.000	850,000.00	74,518.75	74,518.75	999,037.50
2032	3.125	885,000.00	61,768.75	61,768.75	1,008,537.50
2033	3.250	920,000.00	47,940.63	47,940.63	1,015,881.26
2034	3.375	960,000.00	32,990.63	32,990.63	1,025,981.26
2035	3.375	995,000.00	16,790.63	16,790.63	1,028,581.26
		<u>\$ 45,315,000.00</u>	<u>\$ 7,026,571.95</u>	<u>\$ 7,026,571.95</u>	<u>\$ 59,368,143.90</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

UPPER EAST FORK INTERCEPTOR SYSTEM REVENUE BONDS

September 30, 2016

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
2017	3.000-6.250	\$ 9,565,000.00	\$ 3,155,695.33	\$ 3,727,496.26	\$ 16,448,191.59
2018	3.500-6.250	10,040,000.00	3,497,627.51	3,497,627.51	17,035,255.02
2019	4.000-6.250	9,075,000.00	3,243,846.26	3,243,846.26	15,562,692.52
2020	5.000-6.250	9,490,000.00	3,019,852.51	3,019,852.51	15,529,705.02
2021	5.000-6.250	9,930,000.00	2,770,227.51	2,770,227.51	15,470,455.02
2022	5.000-6.250	10,385,000.00	2,508,915.01	2,508,915.01	15,402,830.02
2023	3.000-6.250	10,870,000.00	2,235,602.51	2,235,602.51	15,341,205.02
2024	4.000-5.500	11,400,000.00	1,997,802.51	1,997,802.51	15,395,605.02
2025	4.000-5.500	10,745,000.00	1,738,096.26	1,738,096.26	14,221,192.52
2026	3.000-5.000	9,980,000.00	1,487,783.76	1,487,783.76	12,955,567.52
2027	3.000-5.000	10,505,000.00	1,275,596.26	1,275,596.26	13,056,192.52
2028	3.000-5.000	11,040,000.00	1,048,483.76	1,048,483.76	13,136,967.52
2029	3.000-5.000	9,280,000.00	821,196.26	821,196.26	10,922,392.52
2030	3.000-5.000	5,370,000.00	633,890.01	633,890.01	6,637,780.02
2031	3.125-5.000	5,575,000.00	544,746.26	544,746.26	6,664,492.52
2032	3.125-5.000	5,825,000.00	443,583.76	443,583.76	6,712,167.52
2033	3.250-5.000	2,670,000.00	337,886.88	337,886.88	3,345,773.76
2034	3.375-5.000	2,800,000.00	288,068.13	288,068.13	3,376,136.26
2035	3.300-5.000	2,930,000.00	234,602.50	234,602.50	3,399,205.00
2036	5.000	825,000.00	179,500.00	179,500.00	1,184,000.00
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>\$ 168,605,000.00</u>	<u>\$ 32,367,227.99</u>	<u>\$ 32,939,028.92</u>	<u>\$ 233,911,256.91</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

BUFFALO CREEK INTERCEPTOR REVENUE BONDS

September 30, 2016

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
2017	4.000-4.700	\$ 1,010,000.00	\$ 232,523.75	\$ 232,523.75	\$ 1,475,047.50
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>\$ 10,375,000.00</u>	<u>\$ 1,185,855.00</u>	<u>\$ 1,185,855.00</u>	<u>\$ 12,746,710.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

LITTLE ELM WATER TRANSMISSION FACILITIES REVENUE BONDS

September 30, 2016

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
2017	1.250	\$ 335,000.00	\$ 23,668.75	\$ 23,668.75	\$ 382,337.50
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>\$ 2,580,000.00</u>	<u>\$ 103,343.75</u>	<u>\$ 103,343.75</u>	<u>\$ 2,786,687.50</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

LOWER EAST FORK INTERCEPTOR REVENUE BONDS

September 30, 2016

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
2017	3.500	\$ 895,000.00	\$ 218,987.50	\$ 218,987.50	\$ 1,332,975.00
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>\$ 10,680,000.00</u>	<u>\$ 1,217,887.50</u>	<u>\$ 1,217,887.50</u>	<u>\$ 13,115,775.00</u>

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

September 30, 2016

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
2017	2.000-4.000	\$ 1,385,000.00	\$ 235,175.00	\$ 235,175.00	\$ 1,855,350.00
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>\$ 12,685,000.00</u>	<u>\$ 1,170,150.00</u>	<u>\$ 1,170,150.00</u>	<u>\$ 15,025,300.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

MUDDY CREEK INTERCEPTOR SYSTEM REVENUE BONDS

September 30, 2016

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
2017	3.000	\$ 190,000.00	\$ 27,600.00	\$ 27,600.00	\$ 245,200.00
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>\$ 1,765,000.00</u>	<u>\$ 130,050.00</u>	<u>\$ 130,050.00</u>	<u>\$ 2,025,100.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

MUSTANG CREEK INTERCEPTOR REVENUE BONDS

September 30, 2016

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
2017	6.000	\$ 190,000.00	\$ 185,484.38	\$ 185,484.38	\$ 560,968.76
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>\$ 9,835,000.00</u>	<u>\$ 2,841,103.19</u>	<u>\$ 2,841,103.19</u>	<u>\$ 15,517,206.38</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

PANTHER CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2016

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
2017	3.000-3.750	\$ 2,515,000.00	\$ 820,406.25	\$ 820,406.25	\$ 4,155,812.50
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>\$ 34,840,000.00</u>	<u>\$ 5,654,025.00</u>	<u>\$ 5,654,025.00</u>	<u>\$ 46,148,050.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

PARKER CREEK INTERCEPTOR REVENUE BONDS

September 30, 2016

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
2017	4.850	\$ 155,000.00	\$ 32,145.00	\$ 32,145.00	\$ 219,290.00
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>\$ 1,270,000.00</u>	<u>\$ 136,125.00</u>	<u>\$ 136,125.00</u>	<u>\$ 1,542,250.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

PARKER CREEK PARALLEL INTERCEPTOR REVENUE BONDS

September 30, 2016

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
2017	2.000	\$ 140,000.00	\$ 13,082.34	\$ 37,378.13	\$ 190,460.47
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>\$ 3,045,000.00</u>	<u>\$ 439,766.77</u>	<u>\$ 464,062.56</u>	<u>\$ 3,948,829.33</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

PLANO WATER TRANSMISSION FACILITIES REVENUE BONDS

September 30, 2016

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
2017	3.641	\$ 800,000.00	\$ 18,325.00	\$ 18,325.00	\$ 836,650.00
2018	3.500	<u>\$ 215,000.00</u>	<u>3,762.50</u>	<u>3,762.50</u>	<u>222,525.00</u>
		<u>\$ 1,015,000.00</u>	<u>\$ 22,087.50</u>	<u>\$ 22,087.50</u>	<u>\$ 1,059,175.00</u>

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

September 30, 2016

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
2017	5.250	\$ 130,000.00	\$ 59,568.75	\$ 59,568.75	\$ 249,137.50
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	<u>235,000.00</u>	<u>6,756.25</u>	<u>6,756.25</u>	<u>248,512.50</u>
		<u>\$ 2,115,000.00</u>	<u>\$ 431,015.63</u>	<u>\$ 431,015.63</u>	<u>\$ 2,977,031.26</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

ROCKWALL WATER PUMP STATION FACILITIES REVENUE BONDS

September 30, 2016

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
2017	4.50	\$ 105,000.00	\$ 30,122.50	\$ 30,122.50	\$ 165,245.00
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>\$ 1,330,000.00</u>	<u>\$ 178,560.00</u>	<u>\$ 178,560.00</u>	<u>\$ 1,687,120.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT
DEBT AMORTIZATION SCHEDULE
ROCKWALL - HEATH WATER STORAGE FACILITIES REVENUE BONDS
September 30, 2016

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
2017	3.850	\$ 155,000.00	\$ 34,495.00	\$ 34,495.00	\$ 223,990.00
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>\$ 1,690,000.00</u>	<u>\$ 186,057.50</u>	<u>\$ 186,057.50</u>	<u>\$ 2,062,115.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

SABINE CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2016

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
2017	2.000	\$ 580,000.00	\$ 56,775.00	\$ 56,775.00	\$ 693,550.00
2018	2.000	595,000.00	50,975.00	50,975.00	696,950.00
2019	2.000	610,000.00	45,025.00	45,025.00	700,050.00
2020	3.000	620,000.00	38,925.00	38,925.00	697,850.00
2021	3.000	640,000.00	29,625.00	29,625.00	699,250.00
2022	3.000	655,000.00	20,025.00	20,025.00	695,050.00
2023	3.000	680,000.00	10,200.00	10,200.00	700,400.00
		<u>\$ 4,380,000.00</u>	<u>\$ 251,550.00</u>	<u>\$ 251,550.00</u>	<u>\$ 4,883,100.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

SABINE CREEK INTERCEPTOR REVENUE BONDS

September 30, 2016

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
2017	4.850	\$ 125,000.00	\$ 25,947.50	\$ 25,947.50	\$ 176,895.00
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	<u>170,000.00</u>	<u>4,356.25</u>	<u>4,356.25</u>	<u>178,712.50</u>
		<u>\$ 1,025,000.00</u>	<u>\$ 109,979.38</u>	<u>\$ 109,979.38</u>	<u>\$ 1,244,958.76</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT
DEBT AMORTIZATION SCHEDULE
STEWART CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS
September 30, 2016

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
2017	1.580-4.000	\$ 2,695,000.00	\$ 1,273,695.25	\$ 1,273,695.25	\$ 5,242,390.50
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>\$ 64,080,000.00</u>	<u>\$ 13,853,561.00</u>	<u>\$ 13,853,561.00</u>	<u>\$ 91,787,122.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

TERRELL WATER TRANSMISSION FACILITIES REVENUE BONDS

September 30, 2016

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
2017	2.000	\$ 375,000.00	\$ 175,140.63	\$ 175,140.63	\$ 725,281.26
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>\$ 10,000,000.00</u>	<u>\$ 2,076,350.08</u>	<u>\$ 2,076,350.08</u>	<u>\$ 14,152,700.16</u>

2016 - 2017 ANNUAL BUDGET

EMPLOYEE SCHEDULES

2016-2017 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)	N/A	1
Process Improvement Advisor	43	1
Special Projects Manager	40	1
Energy Manager	37	1
Executive Assistant	37	1
Executive Administrative Assistant	30	1
Administrative Assistant	24	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	46	1
Control Systems Manager	42	1
Information Technology Manager	41	1
Control Systems Supervisor	32	1
Information Systems Supervisor	31	1
Information Technology Supervisor	31	1
Graduate Engineer	30	1
Control Systems Senior Technician	27	3
GIS Senior Technician	26	1
Information Systems Senior Technician	26	1
Information Technology Senior Technician	26	1
Control Systems Technician	25	1
Information Systems Technician	25	2
Information Technology Technician	23	2
Administrative Technician	21	1
Information Systems Assistant	21	5
Total		<u>24</u>
* Funding Begins 12/1/16		
5320 - Administration		
Assistant Deputy Director (Finance & Personnel)	46	1
Accounting Manager	43	1
Finance Manager	43	1
Human Resources Manager	43	1
Assistant Accounting Manager	39	1
Financial Reporting Accountant	38	1
Records Manager	38	1
Assistant Human Resources Manager	36	1
Budget Supervisor	35	1

2016-2017 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
Wellness and Benefits Administrator	31	1
Records Specialist	30	1
Financial Analyst	29	1
Payroll Supervisor	28	1
Senior Accountant	28	1
Accounts Payable Supervisor	27	1
Budget Coordinator	25	1
HR Specialist	25	1
Investment Coordinator	25	1
Records Technician	25	3
Staff Accountant	25	1
Accounts Receivable Specialist	24	1 *
Administrative Assistant	24	1
Accounting Technician	21	5
Human Resources Technician	21	4 *
Receptionist - PT	18	2
Total	38	

* Funding For 1 New Position Begins 12/1/16

5330 - Plant Operations

Assistant Deputy Director - Water	46	1
Water System Manager	44	1
Water Transmission System Manager	44	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
Professional Engineer	37	2 *
Professional Engineer - Special Projects & Water	37	1
Water Treatment Plant Manager - Wylie	35	1
Water Plant Supervisor III	34	1
Safety Coordinator	29	1 *
Shift Supervisor	29	4
Chief Control Room Operator	28	4
Trainer / Lead Operator	28	1
Assistant to the Water Plant Supervisor	26	1
Lead Transmission System Operator	26	1
Lead Water Plant Operator	26	4
Water Plant Operator III	25	19
Water Plant Mechanic	24	2
Water Resource Assistant	24	1
Water Quality Technician	23	1
Water Plant Operator II	22	25
Administrative Technician	21	1
Maintenance Worker	20	1
Transmission System Operator II	20	1
Total	79	

* Funding For 1 New Position Begins 12/1/16

2016-2017 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	26	1
Water Plant Operator III	25	2
Water Plant Mechanic	24	1
Water Plant Operator II	22	<u>7</u>
Total		12
5334 - East Fork Raw Water Supply		
Wetlands Supervisor	29	1
Lead Operator	26	1
Maintenance Worker - Wetlands	20	<u>5</u>
Total		7
5335 - Bonham Water Treatment Plant		
Water Plant Supervisor I	29	1
Water Plant Operator III	25	1
Water Plant Mechanic	24	1
Water Plant Operator II	22	<u>8</u>
Total		11
5340 - Facilities Services		
Maintenance Officer	46	0.5
Maintenance Manager	44	0.5
Assistant Maintenance Manager	38	0.5
Maintenance Engineer / Asset Risk Manager	38	0.5
Central Maintenance Manager	36	0.5
Facilities Services Manager	34	1
Maintenance Services Superintendent Pipeline	29	1
Maintenance Services Superintendent Plant	29	1
Safety Coordinator	29	0.5
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
Heavy Equipment Operator	23	5
Painting / Carpentry Crewleader	23	1
Administrative Technician	21	1
Lead Maintenance Worker - Carpentry	21	1
Lead Maintenance Worker - Paint	21	1
Lead Maintenance Worker - Pipeline	21	6
Custodial Crewleader	20	1
Light Equipment Operator	20	1
Maintenance Worker - Paint / Carpentry	20	5
Maintenance Worker - Pipeline	20	18
Custodian	16	6
Total		61

* Funding Begins 12/1/16

2016-2017 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
5350 - Technical Services		
Maintenance Officer	46	0.5
Maintenance Manager	44	0.5
Assistant Maintenance Manager	38	0.5
Maintenance Engineer / Asset Risk Manager	38	0.5
Central Maintenance Manager	36	0.5
Technical Services Manager	35	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
Safety Coordinator	29	0.5
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
Technical Services Crane Operator	25	2
Ozone Mechanic	24	4
Technical Services Mechanic	24	11
Welder	24	5
Administrative Technician	21	1
Maintenance Shop Assistant	20	7
Parts Worker	18	1
Total		92

* Funding Begins 12/1/16

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	8
Senior Sample Control Technician	27	2
Sample Control Technician	20	2
Total		26

2016-2017 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
5370 - Engineering		
Assistant Deputy Director - CIP	46	1
Assistant Deputy Director - Engineering	46	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	20 *
Engineering Projects Coordinator	35	1
Registered Surveyor	35	1
Assistant Construction Manager	30	1
Graduate Engineer	30	2
Land Agent	30	2
I&E Construction Supervisor	29	1
Contracts Coordinator	28	1
Engineering Technician	28	6
Senior Construction Inspector	28	5
Construction Inspector II	27	9
Construction Inspector I	25	13 **
Administrative Technician	21	4
Total	<u>77</u>	

* Funding For 1 New Position Begins 12/1/16

** Funding For 2 New Positions Begins 12/1/16

5380 - Environmental Services

Environmental Program Manager	38	0.6
Watershed Manager	38	1
Environmental Program Coordinator	32	0.4
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	21	0.5
Total	<u>11.5</u>	

5381 - Permitting

Permit Manager	40	1
Environmental Manager	38	1
Permit Coordinator	31	1
Administrative Technician	21	1
Total	<u>4</u>	

2016-2017 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	35	1
Environmental Compliance Coordinator	29	1
Safety Coordinator	29	1
Total	<u>4</u>	

* Funding Begins 12/1/16

Total Regional Water System	<u>460.5</u>
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PRETREATMENT

604 - Wastewater Pretreatment Program		
Environmental Program Manager	38	0.4
Environmental Program Coordinator	32	0.6
Environmental Supervisor I	29	1
Environmental Specialist II	28	1
Environmental Specialist I	25	1
Environmental Technician II	23	3
Administrative Technician	21	0.5
Total	<u>7.5</u>	

Total Pretreatment	<u>7.5</u>
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WASTEWATER

301 - REGIONAL WASTEWATER SYSTEM

5080 - Wilson Creek WWTP		
Assistant Deputy Director - Wastewater	46	1
Training and Development Manager	38	1
Professional Engineer	37	1
Wastewater Project Coordinator	35	1
Wastewater Plant Supervisor III	34	1
Chief Control Room Operator	28	1
Chief Wastewater Plant Operator	28	2
Lead Maintenance Technician	26	1
Lead Wastewater Plant Operator	26	5
Lead Transport Driver	26	1
Wastewater Plant Operator III	25	6
Control Room Operator	24	1
Wastewater Mechanic	24	1
Transport Driver	22	13
Wastewater Plant Operator II	22	11
Information Systems Assistant	21	2
Mechanic's Assistant	20	2
Odor Control Worker	18	2
Wastewater Plant Operator I	18	6
Total	<u>59</u>	

* Funding For 1 New Position Begins 12/1/16

2016-2017 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	26	1
Wastewater Plant Operator III	25	1
Wastewater Plant Operator II	22	3
Wastewater Plant Operator I	18	1
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	26	3
Lead Maintenance Technician	26	1
Lead Dewatering Plant Operator	26	1
Wastewater Plant Operator III	25	6
Wastewater Technician I	25	0.5
Wastewater Mechanic	24	1
Transport Driver	22	4
Wastewater Plant Operator II	22	3
Administrative Technician	21	1
Information Systems Assistant	21	1
Mechanic's Assistant	20	1
Wastewater Plant Operator I	18	1
Total		26.5
* Funding Begins 12/1/16		
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 Maintenance Technician	26	1
Lead Wastewater Plant Operator	26	4
Wastewater Plant Operator III	25	6
Control Room Operator	24	3
Wastewater Mechanic	24	1
Transport Driver	22	5
Wastewater Plant Operator II	22	2
Information Systems Assistant	21	1
Mechanic's Assistant	20	2
Wastewater Plant Operator I	18	4
Total		34
Total Regional Wastewater System		127.5
307 - Panther Creek WWTP		
Sewer System Plants Manager	44	0.326
Wastewater Plant Supervisor II	33	1
Chief Wastewater Plant Operator	28	1

2016-2017 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>	
Wastewater Technician II	28	1	
Lead Wastewater Plant Operator	26	2	
Wastewater Plant Operator III	25	4	
Wastewater Plant Operator II	22	6	
Information Systems Assistant	21	0.5	
Wastewater Plant Operator I	18	2	
Total		17.826	
309 - Stewart Creek WWTP			
Safety Coordinator	29	1	*
Wastewater Plant Supervisor I	29	1	
Lead Wastewater Plant Operator	26	1	
Wastewater Mechanic	24	1	
Wastewater Plant Operator II	22	6	
Information Systems Assistant	21	0.5	
Wastewater Plant Operator I	18	1	
Total		11.5	
* Funding Begins 12/1/16			
310 - Muddy Creek WWTP			
Sewer System Plants Manager	44	0.178	
Wastewater Plant Supervisor II	33	1	
Chief Wastewater Plant Operator	28	1	
Lead Wastewater Plant Operator	26	2	
Wastewater Plant Operator III	25	4	
Wastewater Technician I	25	1.2	*
Wastewater Plant Mechanic	24	1	
Wastewater Plant Operator II	22	6	
Information Systems Assistant	21	0.5	
Wastewater Plant Operator I	18	2	
Total		18.878	
* Funding For .2 Positions Begins 12/1/16			
501 - UPPER EAST FORK INTERCEPTOR SYSTEM			
Wastewater Conveyance System Manager	44	0.795	
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	26	2	
Wastewater Conveyance Operator III	25	1	
Wastewater Technician I	25	0.3	*
Control Room Operator	24	2	
Wastewater Conveyance Operator II	22	8	
Information Systems Assistant	21	1	
Total		19.095	
* Funding Begins 12/1/16			
502 - Forney Interceptor			
Wastewater Conveyance System Manager	44	0.066	
Total		0.066	

2016-2017 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
503 - Lower East Fork Interceptor		
Wastewater Conveyance System Manager	44	0.064
Total		<u>0.064</u>
507 - Buffalo Creek Interceptor		
Wastewater Conveyance System Manager	44	0.075
Total		<u>0.075</u>
601 - SMALL WWTPs		
Sewer System Plants Manager	44	0.496
Wastewater Plant Supervisor II	33	1
Lead Wastewater Plant Operator	26	1
Wastewater Plant Operator III	25	2
Wastewater Plant Operator II	22	4
Information Systems Assistant	21	0.5
Total		<u>8.996</u>
* Funding For 1 New Position Begins 12/1/16		
Total Wastewater		<u>211.5</u>

401 - REGIONAL SOLID WASTE SYSTEM

5511 - Lookout Transfer Station		
Assistant Deputy Director - Solid Waste	46	0.2
Solid Waste System Manager	44	0.25
Transfer Station Manager	38	0.34
Transfer Station Foreman	26	1
Transfer Station Equipment Operator	22	3
Transport Driver	22	9
Administrative Technician	21	0.2
Scale Operator	20	2
Total		<u>15.99</u>
5512 - Parkway Transfer Station		
Assistant Deputy Director - Solid Waste	46	0.2
Solid Waste System Manager	44	0.25
Transfer Station Manager	38	0.33
Transfer Station Foreman	26	1
Transfer Station Equipment Operator	22	2
Transport Driver	22	6
Administrative Technician	21	0.2
Scale Operator	20	2
Total		<u>11.98</u>
5513 - Custer Transfer Station		
Assistant Deputy Director - Solid Waste	46	0.2
Solid Waste System Manager	44	0.25
Transfer Station Manager	38	0.33
Transfer Station Foreman	26	1
Transfer Station Equipment Operator	22	4
Transport Driver	22	11
Administrative Technician	21	0.2

2016-2017 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Grade</u>	<u>Position</u>
Scale Operator	20	2
Total		18.98

* Funding For 1 New Position Begins 12/1/16

5523 - 121 Regional Disposal Facility

Assistant Deputy Director - Solid Waste	46	0.2
Solid Waste System Manager	44	0.25
Landfill Manager	38	1
Landfill Supervisor	31	1
Heavy Equipment Shop Foreman	27	1
Lead Heavy Equipment Operator	25	2
Heavy Equipment Mechanic	24	3
Heavy Equipment Operator	23	19 *
Tipper Operator	22	1
Administrative Technician	21	0.2
Landfill Scalehouse Coordinator	21	1
Scale Operator	20	2
Scale Operator - Part Time	20	1
Parts Worker	18	1
Landfill Spotter	17	1
Total		34.65

* Funding For 1 New Position Begins 12/1/16

5530 - Fleet Maintenance Shop

Assistant Deputy Director - Solid Waste	46	0.2
Fleet Manager	38	1
Fleet Maintenance Shop Supervisor	32	1
Fleet Maintenance Shop Foreman	27	2
Lead Fleet Maintenance Equipment Mechanic	26	1
Fleet Administrator	24	1 *
Fleet Maintenance Equipment Mechanic	24	5
Welder	24	1
Administrative Technician	21	0.2
Fleet Maintenance Shop Assistant	20	5
Parts Worker	18	2
Total		19.4

* Funding Begins 12/1/16

Total Regional Solid Waste System	<u>101</u>
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TOTAL ALL SYSTEMS	<u>773</u>
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2016-2017 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	<u>Fund / Function</u>	<u>Allocation</u>
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. Environmental Program Manager	101-5380 604-5000	60% 40%
e. Maintenance Engineer/Asset Risk Manager	101-5340 101-5350	50% 50%
f. Central Maintenance Manager	101-5340 101-5350	50% 50%
g. Environmental Program Coordinator	101-5380 604-5000	40% 60%
h. Safety Coordinator	101-5340 101-5350	50% 50%
i. 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%
j. Sewer System Plants Manager	307-5000 310-5000 601-5000	32.6% 17.8% 49.6%
k. Wastewater Conveyance System Manager	501-5000 502-5000 503-5000 507-5000	79.5% 6.6% 6.4% 7.5%
l. Wastewater Technician I	301-5100 310-5000 501-5000	50% 20% 30%

2016-2017 ANNUAL BUDGET

EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

ALL SYSTEMS

	Fund / Function	Allocation
m. Information Systems Assistant (1)	307-5000 309-5000	50% 50%
Information Systems Assistant (1)	310-5000 601-5000	50% 50%
n. Assistant Deputy Director - Solid Waste	401-5511 401-5512 401-5513 401-5523 401-5530	20% 20% 20% 20% 20%
o. Solid Waste System Manager	401-5511 401-5512 401-5513 401-5523	25% 25% 25% 25%
p. Transfer Station Manager	401-5511 401-5512 401-5513	34% 33% 33%

**2016-2017 SALARY SCHEDULE
ANNUAL AMOUNTS**

<u>GRADE</u>	<u>Minimum</u>	<u>Maximum</u>
16	\$ 29,179	\$ 43,186
17	\$ 30,715	\$ 45,458
18	\$ 32,251	\$ 47,731
19	\$ 33,863	\$ 50,118
20	\$ 35,556	\$ 52,624
21	\$ 37,334	\$ 55,255
22	\$ 39,202	\$ 58,018
23	\$ 41,161	\$ 60,918
24	\$ 43,219	\$ 63,964
25	\$ 45,380	\$ 67,163
26	\$ 47,649	\$ 70,521
27	\$ 50,032	\$ 74,047
28	\$ 52,533	\$ 77,750
29	\$ 55,160	\$ 81,637
30	\$ 57,918	\$ 85,719
31	\$ 60,813	\$ 90,005
32	\$ 63,855	\$ 94,505
33	\$ 67,048	\$ 99,230
34	\$ 70,399	\$ 104,192
35	\$ 73,919	\$ 109,401
36	\$ 77,616	\$ 114,871
37	\$ 81,496	\$ 120,615
38	\$ 85,571	\$ 126,645
39	\$ 89,850	\$ 132,977
40	\$ 94,342	\$ 139,627
41	\$ 99,059	\$ 146,608
42	\$ 104,012	\$ 153,938
43	\$ 109,213	\$ 161,635
44	\$ 114,674	\$ 169,717
45	\$ 120,407	\$ 178,203
46	\$ 126,428	\$ 187,113
47	\$ 132,749	\$ 196,468
48	\$ 139,387	\$ 206,292

PLUS - THE FOLLOWING PAY FOR TCEQ REQUIRED LICENSE.

<u>LICENSE</u>	<u>MONTHLY</u>
A	\$150.00
B	\$75.00
C	\$50.00

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

<u>SHIFT</u>	<u>HOURLY</u>
1ST	\$0.00
2ND	\$0.75
3RD	\$1.00

2016 - 2017 ANNUAL BUDGET

CAPITAL OUTLAY SCHEDULE

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

REGIONAL WATER SYSTEM

5313 INFORMATION TECHNOLOGY

540400 Office Equipment

4 - BN VMWare Host Production Site	\$ 180,000
BN SAN - Tertiary Site (S Mesquite)	85,000
BN SAN - DR Shelf (Wilson Creek)	60,000
BN Data Center UPS (Repl)	48,500
2 - BN CORE Switches, Production Site	37,000
4 - BN Data Center Switch (4-Repl)	22,000
CN Optical Time Domain Reflectometer (OTDR)	20,000
BN 10GB Switch for Host	<u>18,000</u>
	<u>\$ 470,500</u>
Total	\$ 470,500

5330 PLANT OPERATIONS

540300 Vehicle Equipment

2 - 1/2 Ton Pickup (Repl)	\$ 45,000
	<u>\$ 45,000</u>

540500 Machinery

Paddle Shaft Gear Box (Plant II)	\$ 75,000
2 - Rapid Mixer (WTP IV)	50,000
2 - Sludge Pump (WTP III)	40,000
5 - Effluent BFV's (Plant III)	35,000
Rapid Mixer (Plant II)	24,000
Lightning Rapid Mixer (Plant II)	20,000
Sludge Pump (Plant III)	20,000
Compressor Filter / Dryer - Blower Bldg (Plant III)	10,000
Compressor Filter / Dryer - Filter Bldg (Plant III)	8,000
Compressor Filter / Dryer - Sludge Bldg	6,000
Ozone Chiller Pump Motor	6,000
Ozone Cordless Pump Motor	5,000
Sludge Pump motor - (Plant III)	3,000
Rail Car Compressor (Plant IV)	<u>3,000</u>
	<u>\$ 305,000</u>

Total

\$ 350,000

5334 EAST FORK RAW WATER SUPPLY

540300 Vehicle Equipment

3/4 Ton 4X4 Pickup (Repl)	\$ 38,700
UTV	15,000
	<u>\$ 53,700</u>

540700 Non-Vehicle Equipment

Cell Dewatering Pump

35,000
<u>\$ 35,000</u>

Total

\$ 88,700

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

5340	FACILITIES SERVICES			
540300	Vehicle Equipment			
	Tandem Dump Truck	\$ 169,475		
	2 - 2 Ton 4x4 Diesel Crew Cab Utility Bed Pickup	134,400		
	3/4 Ton Diesel Extended Cab Utility Bed Pickup	52,200		
	1 Ton 4X4 Diesel Crew Cab Flat Bed Pickup	51,500		
	3/4 Ton 4X4 Diesel Pickup	41,500		
	1/2 Ton 4X4 Pickup (Repl)	27,600		
	1/2 Ton Ext Cab Pickup (Repl)	26,900		
	2 - Zero Turn Mower	21,000		
	UTV Crew	19,000		
	UTV	16,000		
		<hr/>		
		\$ 559,575		
540700	Non-Vehicle Equipment			
	12" Brush Chipper	\$ 45,000		
	80" Mulcher Attachment	38,000		
	Message Board Trailer	16,000		
		<hr/>		
	Total	\$ 99,000		\$ 658,575
5350	TECHNICAL SERVICES			
540300	Vehicle Equipment			
	4 - 3/4 Ton Ext Cab Pickup Utility Bed (Repl)	\$ 201,600		
	Bucket Truck	155,000		
		<hr/>		
	\$ 356,600			
540700	Non-Vehicle Equipment			
	Welder	\$ 22,000		
	Scissor Lift	14,500		
		<hr/>		
	Total	\$ 36,500		\$ 393,100
5360	LABORATORY			
540200	Building			
	Outfit Volatiles Lab	\$ 250,000		
		<hr/>		
	\$ 250,000			
541000	Laboratory Equipment			
	LIMS Portal Mobile App	\$ 225,000		
	TOC Analyzer	60,000		
	Mercury Analyzer	50,000		
		<hr/>		
	\$ 335,000			
	Total			\$ 585,000
5370	ENGINEERING			
540300	Vehicle Equipment			
	7 - 1/2 Ton 4X4 Ext Cab Pickup	\$ 201,600		
		<hr/>		
	\$ 201,600			
	Total			\$ 201,600
5380	ENVIRONMENTAL SERVICES			
540300	Vehicle Equipment			
	Boat (Repl)	\$ 60,000		
		<hr/>		
	\$ 60,000			

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

541000	Laboratory Equipment				
	Dedicated Sampling Stations		\$ 18,500		
	Datasondes		18,500		
	Flow meter		11,000		
			<hr/>		
	Total		\$ 48,000		\$ 108,000
5382	REGULATORY COMPLIANCE				
540300	Vehicle Equipment				
	SUV		\$ 22,800		
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	\$ 22,800				
542000	Other Capital Outlay				
	Environmental and Safety Mgmt System Software		\$ 280,000		
	Corrective Action Preventative Action Software		75,000		
			<hr/>		
	Total		\$ 355,000		\$ 377,800
	Total Regional Water System				<u>\$ 3,233,275</u>
	SEWER SYSTEM				
305	S. ROCKWALL WWTP				
540500	Machinery				
	Blower (Repl)		\$ 12,000		
	Nonpotable Water Pump		10,000		
			<hr/>		
	Total		\$ 22,000		\$ 22,000
307	PANTHER CREEK WWTP				
540500	Machinery				
	RAS Carbon Can System		\$ 150,000		
	Boom Lift		40,000		
	2 - Electric Motor Valve Operator		15,000		
	Primary Scum Pump		15,000		
	OCS Bleach Pump		5,500		
			<hr/>		
	Total		\$ 225,500		\$ 225,500
308	SABINE CREEK WWTP				
540200	Building				
	Storage Building		\$ 45,000		
			<hr/>		
	\$ 45,000				
540500	Machinery				
	Blower		\$ 15,000		
	Influent Pump		15,000		
	Polymer Pump		8,000		
	RAS Pump		6,500		
			<hr/>		
	Total		\$ 44,500		\$ 89,500
309	STEWART CREEK WWTP				
540300	Vehicle Equipment				
	UTV		\$ 9,900		
			<hr/>		
	\$ 9,900				

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

540500	Machinery				
	45 HP Submersible Pump		\$ 25,000		
	6" Double Disc Sludge Pump		25,000		
	Liquid Polymer Feed System		11,000		
	Multi-Stage Non-Pot Pump		5,400		
			<hr/>		
	Total		\$ 66,400		\$ 76,300
310	MUDY CREEK WWTP				
540200	Building				
	Parking Lot		\$ 12,500		
			<hr/>		
	\$ 12,500				
540500	Machinery				
	Rotating Assembly (Lift pump #3)		\$ 56,000		
	RAS Pump		29,000		
	Lift Pump # 1		8,500		
	Bioscrubber Fan (Repl)		5,200		
			<hr/>		
	Total		\$ 98,700		\$ 111,200
313	FARMERSVILLE WWTP				
540200	Building				
	Operator Building		\$ 6,000		
			<hr/>		
	\$ 6,000				
540500	Machinery				
	Influent Pump		\$ 10,000		
	Polymer Pump		8,000		
	Nonpotable Water Pump		7,000		
			<hr/>		
	Total		\$ 25,000		\$ 31,000
315	FRISCO COTTONWOOD WWTP				
540500	Machinery				
	10 HP Influent Pump		\$ 8,000		
	5 HP Influent Pump		5,500		
			<hr/>		
	\$ 13,500				
	Total				\$ 13,500
317	LAVON WWTP				
540200	Building				
	Operator Building		\$ 6,000		
			<hr/>		
	\$ 6,000				
540500	Machinery				
	Influent Pump		\$ 7,000		
	Blower (Repl)		6,500		
	Filter Feed Pump		5,500		
			<hr/>		
	Total		\$ 19,000		\$ 25,000

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

601	SMALL WWTPs		
540300	Vehicle Equipment		
	2 - 1/2 Ton 4X4 Ext Cab Pickup (1-Repl)	\$ 54,000	
		<u>\$ 54,000</u>	
	Total	\$ 54,000	
		<u>\$ 648,000</u>	
REGIONAL WASTEWATER SYSTEM			
5080	WILSON CREEK WWTP		
540300	Vehicle Equipment		
	Utility Work Machine	\$ 53,000	
	Dewatering Cart	<u>12,000</u>	
		<u>\$ 65,000</u>	
540500	Machinery		
	4 - Double Disc Pump	\$ 140,000	
	4 - BNR Mixers	100,000	
	4 - BNR Pump	<u>80,000</u>	
		<u>\$ 320,000</u>	
540700	Non-Vehicle Equipment		
	10 - 30 Yrd Sludge Containers	\$ 70,000	
	Trailer Mounted Pump	<u>35,000</u>	
		<u>\$ 105,000</u>	
542000	Other Capital Outlay		
	Headworks Catwalk	<u>\$ 30,000</u>	
	Total	\$ 30,000	
		<u>\$ 520,000</u>	
5090	FLOYD BRANCH WWTP		
540300	Vehicle Equipment		
	1/2 Ton Pickup (Repl)	<u>\$ 22,500</u>	
		<u>\$ 22,500</u>	
540500	Machinery		
	Scum Pump	<u>\$ 57,000</u>	
		<u>\$ 57,000</u>	
542000	Other Capital Outlay		
	2 - 24" Stainless Steel Slide Gates	<u>\$ 30,000</u>	
		<u>\$ 30,000</u>	
	Total	\$ 109,500	
5100	ROWLETT CREEK WWTP		
540300	Vehicle Equipment		
	Sedan	\$ 22,300	
	ATV	18,500	
	Heavy Duty Equipment Trailer	<u>10,000</u>	
		<u>\$ 50,800</u>	
540500	Machinery		
	2 - 4" Pump	<u>\$ 40,000</u>	
		<u>\$ 40,000</u>	

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

540700	Non-Vehicle Equipment			
	2 - 30 Yard Roll Off Trailer	\$ 130,000		
	2 - 30 Yard Sludge Containers	14,000		
		<hr/>		
	Total	\$ 144,000		
			\$ 234,800	
5180	MESQUITE WWTP			
540300	Vehicle Equipment			
	1/2 Ton Ext Cab Pickup w/emergency flash	\$ 25,400		
		<hr/>		
		\$ 25,400		
540500	Machinery			
	Rotating Assembly (Influent Pump 2-3)	\$ 60,000		
	Primary Drive Assembly	60,000		
		<hr/>		
		\$ 120,000		
540700	Non-Vehicle Equipment			
	4" Diesel Trailer Pump	\$ 37,000		
	4 - 30 Yard Containers	28,000		
	18 ft Gooseneck Trailer	7,000		
		<hr/>		
	Total	\$ 72,000		
			\$ 217,400	
	Total Regional Wastewater System			<u>\$ 1,081,700</u>
REGIONAL SOLID WASTE SYSTEM				
5511	LOOKOUT TRANSFER STATION			
540300	Vehicle Equipment			
	5 - Aluminum Tipper Trailer	\$ 412,500		
	Wheel Loader	400,000		
		<hr/>		
		\$ 812,500		
542000	Other Capital Outlay			
	1000 Gallon Aboveground Storage Tank	\$ 7,500		
		<hr/>		
	Total	\$ 7,500		
			\$ 820,000	
5512	PARKWAY TRANSFER STATION			
540300	Vehicle Equipment			
	2 - Transport Trucks (Repl)	\$ 273,000		
		<hr/>		
		\$ 273,000		
542000	Other Capital Outlay			
	Pavement Repair	\$ 60,000		
		<hr/>		
	Total	\$ 60,000		
			\$ 333,000	
5513	CUSTER TRANSFER STATION			
540300	Vehicle Equipment			
	Aluminium Tipper Trailer	\$ 82,500		
		<hr/>		
	Total	\$ 82,500		
			\$ 82,500	

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

5523	121 REGIONAL DISPOSAL FACILITIES	
540300	Vehicle Equipment	
	2 - Articulated Dump Truck	\$ 1,290,000
	Compactor	<u>1,139,705</u>
		\$ 2,429,705
540700	Non-Vehicle Equipment	
	12 - Wind Fences	\$ 57,000
	50 Ton Shop Press	<u>5,750</u>
		\$ 62,750
541510	Landfill Devel Cost - Contract	
	Earthwork 10.6 acres (Sector 4C)	\$ 604,200
	Geosynthetics 18 acres (Purchase only) (Sector 5A)	526,500
	Earthwork 18 acres (Place clay layer) (Sector 5A)	495,000
	Geosynthetics 10.6 acres (Sector 4C)	402,800
	Vegetation Retainage for TxDOT Project	<u>20,000</u>
		\$ 2,048,500
	Total	\$ 4,540,955
5530	FLEET MAINTENANCE SHOP	
540200	Building	
	Vehicle Exhaust Removal System	\$ 33,000
	Overhead Rack - Dispenser & Tank Replacement	30,000
	6 -Commercial Overhead Shop Door Operator	<u>15,000</u>
		\$ 78,000
540700	Non-Vehicle Equipment	
	2 - Evaporative Coolers	<u>\$ 5,400</u>
		\$ 5,400
	Total	\$ 83,400
	Total Regional Solid Waste System	<u>\$ 5,859,855</u>

UPPER EAST FORK INTERCEPTOR SYSTEM

501	UPPER EAST FORK INTERCEPTOR SYSTEM	
540300	Vehicle Equipment	
	3 - 1/2 Ton 4X4 Ext Cab Pickup	<u>\$ 81,000</u>
		\$ 81,000
540700	Non-Vehicle Equipment	
	2 - Pumps #1 and #3 (Lower Rowlett) (Repl)	<u>\$ 150,000</u>
		\$ 150,000
	Total	\$ 231,000
	Total Upper East Fork Interceptor System	<u>\$ 231,000</u>
	TOTAL ALL SYSTEMS	<u>\$ 11,053,830</u>

**2016 - 2017 ANNUAL BUDGET
CAPITAL PROJECTS SCHEDULE**

**All Systems
Capital Projects**

System / Project	Type	Driver	Est Award	Amount	Funding
Regional Water System:					
Improve Drainage Culverts at Wylie WTP II	Cnstr	M	Aug-16	\$ 4,000,000	16 Cap Imp
LBCR PS Electrical Distribution System, Coordination, Review, & Approval	Eng	G	Aug-16	1,700,000	16 Cap Imp
Wylie WTP I and II, Sludge Handling	Cnstr	M	Aug-16	2,100,000	16 Cap Imp
Bonham - Tawakoni WTP Imp.	Eng	M	Aug-16	300,000	16 Cap Imp
LBCR - FM 897 Relocation	Prop	G	Aug-16	1,470,000	16 Cap Imp
Systemwide Air Valve Imp.	Cnstr	M	Sep-16	858,000	16 Cap Imp
Leonard WTP Electrical Distribution System - Temporary Power	Eng	G	Sep-16	400,000	16 Cap Imp
Relocation of 84" and 42" Waterline in Parker near Southridge Parkway	Eng	G	Sep-16	500,000	16 Cap Imp
Rockwall No. 1 Delivery Point Imp.	Cnstr	R	Sep-16	1,500,000	16 Cap Imp
Wylie WTP III, Filter Underdrain Replacement at Six Filters	Cnstr	M	Sep-16	2,225,000	16 Cap Imp
North McKinney Pipeline Phase III	Prop	G	Sep-16	2,090,000	16 Cap Imp
20" Forney to Kaufman Waterline Imp. - Access for Testing	Cnstr	M	Sep-16	1,100,000	16 Cap Imp
Trinity River MSPS and Pipeline	Prop	G	Oct-16	25,000,000	17 Cap Imp
Trinity River MSPS and Pipeline - CMAR 2	Cnstr	G	Oct-16	70,000,000	16 Bonds
Trinity River Main Stem Raw Water Pipeline and Pump Station	Insp	G	Oct-16	1,435,000	16 Bonds
Apollo and Shiloh Pump Stations Physical Security Imp.	Eng	R	Oct-16	71,000	17 Cap Imp
Trinity River MSPS and Pipeline	Cnstr	G	Oct-16	1,500,000	16 Bonds
Leonard WTP Electrical Distribution System, Coordination, Review, & Approval	Eng	G	Oct-16	800,000	17 Cap Imp
Wylie WTP IV - 70 MGD Plant Expansion - CMAR 1	Cnstr	G	Oct-16	26,054,000	16 Bonds
LBCR - Mitigation	Prop	G	Oct-16	6,010,000	16 Bonds
Wylie WTP's I,II,III,& IV Chemical Imp. - Phase III	Eng	R	Oct-16	584,000	17 Cap Imp
Maintenance Building at Wylie WTP Phase I	Eng	G	Oct-16	950,000	17 Cap Imp
Rockwall No. 1 Delivery Point Imp.	Insp	R	Oct-16	47,000	17 Cap Imp
LBCR - Additional Program Management	Eng	G	Oct-16	2,750,000	17 Cap Imp
LBCR - Fannin Cnty Rd and Bridge Imp.	Prop	G	Oct-16	709,000	17 Cap Imp
70 MGD Leonard WTP Site Phase I - CMAR	Cnstr	G	Oct-16	2,134,000	17 Cap Imp
LBCR - Additional Archaeological Services	Perm	G	Oct-16	300,000	17 Cap Imp
Systemwide Meter Vault Imp. - Setpoint Control Phase I	Cnstr	M	Oct-16	7,550,000	16 Bonds
North System Frisco/McKinney Ground Storage Tanks	Eng	R	Oct-16	600,000	17 Cap Imp
4 MG Clearwell Roof Imp. at Wylie WTP III	Cnstr	R	Nov-16	2,350,000	17 Cap Imp
Lake Texoma Pipeline 72" Valve Imp.	Cnstr	M	Nov-16	165,000	17 Cap Imp
Relocation of 84" and 42" Waterline in Parker near Southridge Parkway	Prop	G	Nov-16	258,000	17 Cap Imp
SCADA High Performance HMI Standard Update	Eng	G	Nov-16	54,000	17 Cap Imp
Systemwide Air Valve Imp. - East System	Cnstr	M	Nov-16	2,000,000	17 Cap Imp
Wylie WTP Power System Imp.	Eng	M	Dec-16	273,000	17 Cap Imp
Lavon Drainage Disposal Area	Eng	G	Jan-17	75,000	17 Cap Imp
LBCR 90" Pipeline and 84" Treated Waterline - CMAR Pre-Construction	Cnstr	G	Jan-17	1,050,000	17 Cap Imp
LBCR - Fannin County Rd and Bridge Imp.	Eng	G	Jan-17	1,089,000	17 Cap Imp
Clearwell Imp. at Wylie WTP I	Eng	M	Jan-17	80,000	17 Cap Imp
LBCR	Perm	G	Jan-17	300,000	17 Cap Imp
South System 3MG Above Ground Storage Tank in Terrell	Prop	R	Jan-17	247,000	17 Cap Imp
Booster PS Property and Surveying	Cnstr	G	Feb-17	(173,000)	17 Cap Imp
Chapman Lake PS Expansion 55MGD	Cnstr	G	Feb-17	(1,220,000)	17 Cap Imp
Chapman Lake PS, Phase I PL, Hypochlorite Building & PH I Terminal Facilities	Cnstr	M	Feb-17	2,358,000	17 Cap Imp
Cooper Pipeline Embankment Repair	Cnstr	M	Feb-17	(71,000)	17 Cap Imp
Cooper Pipeline Outfall	Cnstr	M	Feb-17	230,000	17 Cap Imp
Lake Chapman Raw Water Intake Dredging	Cnstr	M	Feb-17	(145,000)	17 Cap Imp
Wylie WTP IV - 70 MGD Plant Expansion - CMAR 2	Cnstr	G	Feb-17	46,707,000	16 Bonds
70 MGD Leonard WTP Site Phase I	Eng	G	Feb-17	16,371,000	16 Bonds
McKinney No. 1 to Princeton No. 1 72 - inch and 24 - inch Waterline	Cnstr	G	Feb-17	14,000,000	16 Bonds
LBCR - Acquisition of Property	Prop	G	Feb-17	7,880,000	16 Bonds
Wylie WTP I, Rapid Mix and Sedimentation Imp.	Cnstr	M	Feb-17	15,450,000	16 Bonds
Casa View Pump Station Electrical and Site Imp.	Cnstr	M	Feb-17	5,234,000	16 Bonds
20" Wylie to Rockwall Waterline Imp.	Eng	M	Mar-17	453,000	17 Cap Imp
Bonham WTP Intake Imp.	Eng	R	Mar-17	74,000	17 Cap Imp
North McKinney Pipeline Phase III	Cnstr	G	Mar-17	17,510,000	16 Bonds
North System Exchange Parkway Ground Storage	Cnstr	R	Mar-17	18,000,000	16 Bonds
20" Forney to Kaufman Waterline Imp.	Eng	M	Mar-17	1,000,000	17 Cap Imp
Water System Operations Center	Cnstr	G	Apr-17	4,635,000	17 Cap Imp
LBCR - 90" Pipeline Section A	Eng	G	Apr-17	2,500,000	17 Cap Imp
LBCR - 90" Pipeline Section B	Eng	G	Apr-17	2,500,000	17 Cap Imp
LBCR - 90" Pipeline Section C	Eng	G	Apr-17	2,500,000	17 Cap Imp

**All Systems
Capital Projects**

System / Project	Type	Driver	Est Award	Amount	Funding
LBCR - Conflict Relocations	Eng	G	Apr-17	\$ 2,500,000	17 Cap Imp
Trinity River MSPS Lock and Dam Structure	Eng	G	Apr-17	285,000	17 Cap Imp
Systemwide Meter Vault Imp Setpoint Control - Phase II	Eng	M	Apr-17	1,000,000	17 Cap Imp
24" Pipeline from Renner Road to Plano No. 2	Eng	G	Apr-17	154,000	17 Cap Imp
LBCR - Acquisition of Property	Prop	G	Apr-17	3,358,000	16 Bonds
Systemwide Air Valve Imp. - South System	Eng	M	Apr-17	106,000	17 Cap Imp
Lavon Drainage Disposal Area	Cnstr	G	May-17	500,000	17 Cap Imp
Wylie WTP Surface Water Management Master Plan	Eng	G	May-17	309,000	17 Cap Imp
Chemical System for Plants I, II, and III Enhanced Biologically Active Filters	Eng	R	May-17	329,000	17 Cap Imp
4 MG North and South Clearwell Roof Imp. at Wylie WTP II	Cnstr	R	May-17	1,200,000	17 Cap Imp
East System 4.9 MG Above Ground Storage Tank at Cash SUD	Cnstr	R	May-17	5,562,000	16 Bonds
Wylie WTP II, Filter Underdrain Imp. and Conversion to Biological Filters Phase II	Cnstr	M	May-17	10,084,000	16 Bonds
72" Texoma Pipeline Imp. Phase I	Eng	M	May-17	131,000	17 Cap Imp
Apollo and Shiloh Pump Station Physical Security Imp.	Cnstr	R	Jun-17	750,000	17 Cap Imp
24" Pipeline from Renner Road to Plano No. 2	Prop	G	Jun-17	1,514,000	17 Cap Imp
LBCR	Perm	G	Jun-17	300,000	17 Cap Imp
Shiloh System 3.1 MG Above Ground Storage Tank	Prop	R	Jun-17	913,000	17 Cap Imp
Wylie Water Treatment Plants I, II, III, and IV Chemical System Imp. Phase III	Cnstr	M	Jun-17	5,840,000	17 Cap Imp
90 MGD Leonard Water Treatment Plant HSPS	Eng	G	Jul-17	4,430,000	17 Cap Imp
HSPS 2-1 Electrical Imp - Phase I	Cnstr	M	Jul-17	6,500,000	16 Bonds
HSPS 2-1 Electrical Imp - Phase II	Eng	M	Jul-17	300,000	17 Cap Imp
Expand HSPS 3-1 to 450 MGD, add 2 Pumps and AFD's	Eng	G	Jul-17	1,122,000	17 Cap Imp
SCADA High Performance HMI Standard Update	Cnstr	G	Jul-17	478,000	17 Cap Imp
LBCR - FM 897 Relocation - CMAR Procurement Svcs	Cnstr	G	Aug-17	160,000	17 Cap Imp
Bonham - Tawakoni WTP Imp.	Cnstr	M	Aug-17	2,060,000	17 Cap Imp
Ground Storage Tank on Leonard WTP to Highway 5 PS Waterline	Prop	G	Aug-17	300,000	17 Cap Imp
Wylie WTP I, Filter Backwash Imp.	Eng	M	Aug-17	80,000	17 Cap Imp
LBCR Dam	Cnstr	G	Sep-17	368,000	17 Cap Imp
LBCR - Mitigation - CMAR Procurement Svcs	Cnstr	G	Sep-17	350,000	17 Cap Imp
Wylie WTP Power System Imp.	Cnstr	M	Sep-17	2,812,000	17 Cap Imp
Rockwall High Service Pump Station Imp.	Eng	M	Sep-17	55,000	17 Cap Imp
SCADA System Upgrade 2017	Eng	M	Sep-17	225,000	17 Cap Imp
Systemwide Air Valve Imp. - North System	Eng	M	Sep-17	103,000	17 Cap Imp
Wylie WTP III, Electrical Imp.	Eng	M	Sep-17	212,000	17 Cap Imp

Total \$ 382,861,000

Funding - FY 2016

16 Cap Imp 18,243,000

Total FY16 \$ 18,243,000

Funding - FY 2017

16 Bonds 279,205,000

17 Cap Imp 85,413,000

Total FY17 \$ 364,618,000

Total \$ 382,861,000

Funding - FY 2016

(M) Maintaining Aging Infrastructure 10,583,000 58.0%

(R) Regulatory Requirements 1,500,000 8.2%

(G) Expanding / New Growth 6,160,000 33.8%

Total FY16 \$ 18,243,000 4.8%

Funding - FY 2017

(M) Maintaining Aging Infrastructure 64,085,000 17.6%

(R) Regulatory Requirements 30,727,000 8.4%

(G) Expanding / New Growth 269,806,000 74.0%

Total FY17 \$ 364,618,000 95.2%

Total \$ 382,861,000 100%

**All Systems
Capital Projects**

System / Project	Type	Driver	Est Award	Amount	Funding
Regional Wastewater System:					
South Mesquite Regional WWTP SCADA Imp.	Cnstr	M	Aug-16	\$ 2,525,000	16 Bonds
South Mesquite Regional WWTP Aeration System Phase II Imp.	Eng	M	Aug-16	400,000	16 Bonds
Wilson Creek Regional WWTP Exp. To 64 MGD - CMAR Pre-Construction Svcs	Cnstr	G	Sep-16	1,000,000	16 Bonds
South Mesquite Regional WWTP Filter and UV Imp.	Cnstr	M	Sep-16	10,200,000	16 Bonds
Wilson Creek Regional WWTP Electrical Imp. Phase IB	Cnstr	M	Oct-16	6,100,000	16 Bonds
Floyd Branch Regional WWTP Optimization Process Imp.	Eng	M	Oct-16	760,000	16 Bonds
Rowlett Creek Regional WWTP Peak Flow Management Phase I Imp.	Cnstr	G	Dec-16	38,000,000	16 Bonds
Regional WWTP Site	ROW	G	Mar-17	5,000,000	17 Bonds
Wilson Creek Regional WWTP Maintenance Facility	Eng	G	Mar-17	350,000	17 Bonds
Rowlett Creek Regional WWTP Peak Flow Management Phase II Imp.	Eng	G	Apr-17	1,800,000	17 Bonds
Sludge Truck Weighing Facilities	Eng	M	Apr-17	500,000	17 Bonds
Wilson Creek Regional WWTP Electrical Imp. Phase II	Eng	M	May-17	400,000	17 Bonds
Rowlett Creek Regional WWTP Solids Building Imp.	Eng	M	May-17	218,000	17 Bonds
Wilson Creek Regional WWTP Exp'n to 64 MGD	Cnstr	G	Jun-17	44,000,000	17 Bonds
Floyd Branch Regional WWTP Optimization Process Imp.	Cnstr	M	Jun-17	9,888,000	17 Bonds
South Mesquite Regional WWTP Aeration System Phase II Imp.	Cnstr	M	Aug-17	4,900,000	17 Bonds
			Total	\$ 126,041,000	
Funding - FY 2016					
		16 Bonds		14,125,000	
		Total FY16	\$ 14,125,000		
Funding - FY 2017					
		16 Bonds		44,860,000	
		17 Bonds		67,056,000	
		Total FY17	\$ 111,916,000		
		Total	\$ 126,041,000		
Funding - FY 2016					
		(M) Maintaining Aging Infrastructure		13,125,000	92.9%
		(G) Expanding / New Growth		1,000,000	7.1%
		Total FY16	\$ 14,125,000		11.2%
Funding - FY 2017					
		(M) Maintaining Aging Infrastructure		22,766,000	20.3%
		(G) Expanding / New Growth		89,150,000	79.7%
		Total FY17	\$ 111,916,000		88.8%
		Total	\$ 126,041,000		100.0%

**All Systems
Capital Projects**

System / Project	Type	Driver	Est Award	Amount	Funding
Regional Solid Waste System:					
Parkway Transfer Station Transition to Top Load	Perm	M	Aug-16	\$ 320,000	15 Bonds
North Transfer Station - Environmental Analysis	Eng	G	Sep-16	20,000	15 Bonds
North Transfer Station	Prop	G	Oct-16	2,183,000	17 Cap Imp
Service Center	Eng	G	Oct-16	330,000	17 Cap Imp
121 RDF Leachate LS, Force Main, and Gravity Sewer	Cnstr	G	Nov-16	2,100,000	16 Bonds
North Transfer Station	Perm	G	Jan-17	500,000	16 Bonds
121 RDF Fleet Maint Shop Paving	Cnstr	M	Feb-17	4,400,000	16 Bonds
Parkway Transfer Station Transition to Top Load	Eng	M	Jul-17	200,000	16 Bonds
Service Center	Cnstr	G	Aug-17	2,680,000	16 Bonds
			Total	\$ 12,733,000	
Funding - FY 2016					
			15 Bonds	340,000	
			Total FY16	\$ 340,000	
Funding - FY 2017					
			16 Bonds	9,880,000	
			17 Cap Imp	2,513,000	
			Total FY17	\$ 12,393,000	
			Total	\$ 12,733,000	
Funding - FY 2016					
			(M) Maintaining Aging Infrastructure	320,000	94.1%
			(G) Expanding / New Growth	20,000	5.9%
			Total FY16	\$ 340,000	2.7%
Funding - FY 2017					
			(M) Maintaining Aging Infrastructure	4,600,000	37.1%
			(G) Expanding / New Growth	7,793,000	62.9%
			Total FY17	\$ 12,393,000	97.3%
			Total	\$ 12,733,000	100.0%

**All Systems
Capital Projects**

System / Project	Type	Driver	Est Award	Amount	Funding
Upper East Fork Interceptor System:					
Beck Branch Interceptor Imp. Phase II	Cnstr	M	Aug-16	\$ 6,500,000	15 Bonds
Princeton Lift Station Imp.	Eng	G	Aug-16	1,105,000	16 Bonds
Princeton Parallel Force Main	Eng	G	Aug-16	707,000	16 Bonds
Princeton Parallel Force Main & Lift Station	Prop	G	Aug-16	897,000	15 Bonds
Beck Branch Interceptor Imp.	Eng	G	Aug-16	350,000	15 Bonds
Wilson Creek Lift Station	Eng	G	Sep-16	350,000	15 Bonds
North McKinney Lift Station Expansion	Eng	G	Sep-16	350,000	16 Bonds
Preston Road Lift Station Imp.	Cnstr	M	Sep-16	1,500,000	16 Bonds
North McKinney Interceptor Imp. Phase II	Cnstr	M	Nov-16	6,800,000	16 Bonds
Lower White Rock Lift Station Imp.	Cnstr	G	Nov-16	5,100,000	16 Bonds
Lower Rowlett Creek and Lower Cottonwood Creek Lift Station Imp.	Cnstr	G	Dec-16	6,132,000	16 Bonds
Lower Rowlett Creek and Lower Cottonwood Creek Lift Station Imp.	Insp	G	Jan-17	200,000	16 Bonds
McKinney Prosper Parallel Sewer	Eng	G	Feb-17	1,200,000	16 Bonds
Indian Creek Lift Station Imp.	Eng	G	Feb-17	540,000	16 Bonds
Indian Creek Force Main Imp.	Eng	G	Feb-17	680,000	16 Bonds
Beck Branch Gravity Sewer Rowlett Creek Crossing Imp.	Cnstr	M	Mar-17	1,150,000	17 Bonds
Richardson Spring Creek Trunk Sewer Aerial Crossing Phase II	Cnstr	M	Mar-17	1,700,000	17 Bonds
Princeton Lift Station Imp.	Cnstr	G	Mar-17	8,000,000	17 Bonds
Beck Branch Interceptor Imp.	Cnstr	G	Apr-17	3,950,000	17 Bonds
McKinney Prosper Parallel Sewer	Prop	G	May-17	131,000	17 Bonds
Princeton Parallel Force Main	Cnstr	G	Jun-17	9,000,000	17 Bonds
Plano Spring Creek Lift Station No. 2 Imp.	Eng	G	Jul-17	1,000,000	17 Bonds
Wilson Creek Lift Station	Cnstr	G	Sep-17	3,500,000	17 Bonds
North McKinney Lift Station Expansion	Cnstr	G	Sep-17	3,500,000	17 Bonds
			Total	\$ 64,342,000	
Funding - FY 2016					
			15 Bonds	8,097,000	
			16 Bonds	3,662,000	
			Total FY16	\$ 11,759,000	
Funding - FY 2017					
			16 Bonds	20,652,000	
			17 Bonds	31,931,000	
			Total FY17	\$ 52,583,000	
			Total	\$ 64,342,000	
Funding - FY 2016					
			(M) Maintaining Aging Infrastructure	8,000,000	68.0%
			(G) Expanding / New Growth	3,759,000	32.0%
			Total FY16	\$ 11,759,000	18.3%
Funding - FY 2017					
			(M) Maintaining Aging Infrastructure	9,650,000	18.4%
			(G) Expanding / New Growth	42,933,000	81.6%
			Total FY17	\$ 52,583,000	81.7%
			Total	\$ 64,342,000	100.0%

**All Systems
Capital Projects**

System / Project	Type	Driver	Est Award	Amount	Funding
<u>Forney Mustang Creek Interceptor:</u>					
Forney Mustang Creek Lift Station	ROW	G	Oct-16	\$ 165,000	City
Forney Mustang Creek Lift Station	Eng	G	Nov-16	\$ 1,313,000	City
			Total	\$ 1,478,000	
<u>Funding - FY 2017</u>					
			City	<u>1,478,000</u>	
			Total FY17	\$ 1,478,000	
			Total	\$ 1,478,000	
<u>Funding - FY 2017</u>					
			(G) Expanding / New Growth	<u>1,478,000</u>	100.0%
			Total FY17	\$ 1,478,000	
			Total	\$ 1,478,000	
<u>Muddy Creek Wastewater Treatment Plant</u>					
Muddy Creek WWTP Aeration Basin Odor Control and Backup Power Imp.	Eng	M	Jan-17	\$ 75,000	City
			Total	\$ 75,000	
<u>Funding - FY 2017</u>					
			City	<u>75,000</u>	
			Total FY17	\$ 75,000	
			Total	\$ 75,000	
<u>Funding - FY 2017</u>					
			(M) Maintaining Aging Infrastructure	<u>75,000</u>	100.0%
			Total FY17	\$ 75,000	
			Total	\$ 75,000	
<u>Panther Creek Wastewater Treatment Plant:</u>					
Panther Creek WWTP Landscaping	Cnstr	G	Aug-16	\$ 89,200	16 Cap Imp
			Total	\$ 89,200	
<u>Funding - FY 2016</u>					
			16 Cap Imp	<u>89,200</u>	
			Total FY16	\$ 89,200	
			Total	\$ 89,200	
<u>Funding - FY 2016</u>					
			(G) Expanding / New Growth	<u>89,200</u>	100.0%
			Total FY16	\$ 89,200	
			Total	\$ 89,200	

**All Systems
Capital Projects**

System / Project	Type	Driver	Est Award	Amount	Funding
Parker Creek Parallel Interceptor System:					
Parker Creek Parallel Interceptor	Eng	G	Aug-16	292,000	16 Bonds
Parker Creek Parallel Interceptor	Cnstr	G	Aug-16	3,290,000	16 Bonds
			Total	\$ 3,582,000	
Funding - FY 2016					
			16 Bonds	3,582,000	
			Total FY16	\$ 3,582,000	
			Total	\$ 3,582,000	
Funding - FY 2016					
			(G) Expanding / New Growth	\$ 3,582,000	100.0%
			Total FY16	\$ 3,582,000	
			Total	\$ 3,582,000	
Sabine Creek Wastewater Treatment Plant:					
Sabine Creek Sub-Regional WWTP Expansion to 3 MGD - Design Reimb	Eng	G	Sep-16	740,000	16 Bonds
Sabine Creek Sub-Regional WWTP Expansion to 3 MGD - Filter Reimb	Cnstr	G	Sep-16	418,000	16 Bonds
Sabine Creek Sub-Regional WWTP Expansion to 3 MGD	Cnstr	G	Sep-16	8,006,000	16 Bonds
			Total	\$ 9,164,000	
Funding - FY 2016					
			16 Bonds	9,164,000	
			Total FY16	\$ 9,164,000	
			Total	\$ 9,164,000	
Funding - FY 2016					
			(G) Expanding / New Growth	9,164,000	100.0%
			Total FY16	\$ 9,164,000	
			Total	\$ 9,164,000	
Squabble Creek Wastewater Treatment Plant:					
Squabble Creek WWTP Decommission	Eng	M	Aug-17	\$ 50,000	City
			Total	\$ 50,000	
Funding - FY 2017					
			City	50,000	
			Total FY17	\$ 50,000	
			Total	\$ 50,000	
Funding - FY 2017					
			(M) Maintaining Aging Infrastructure	50,000	100.0%
			Total FY17	\$ 50,000	
			Total	\$ 50,000	
Total Capital Projects All Systems					
				\$ 600,415,200	
Total by Driver All Systems					
			(M) Maintaining Aging Infrastructure	133,254,000	22.2%
			(R) Regulatory Requirements	32,227,000	5.4%
			(G) Expanding / New Growth	434,934,200	72.4%
Total Capital Projects by Driver All Systems					
				\$ 600,415,200	100.0%

2016 - 2017 ANNUAL BUDGET

BOND ISSUES SCHEDULE

**All Systems
Bond Issues**

System / Project	Type	Est Award	Amount
<u>Regional Water System - 10/27/16</u>			
Trinity River MSPS and Pipeline - CMAR 2	Cnstr	Oct-16	\$ 70,000,000
Trinity River Main Stem Raw Water Pipeline and Pump Station	Insp	Oct-16	1,435,000
Trinity River MSPS and Pipeline	Cnstr	Oct-16	1,500,000
Wylie WTP IV - 70 MGD Plant Expansion - CMAR 1	Cnstr	Oct-16	26,054,000
LBCR - Mitigation	Prop	Oct-16	6,010,000
Systemwide Meter Vault Imp. - Setpoint Control Phase I	Cnstr	Oct-16	7,550,000
Wylie WTP IV - 70 MGD Plant Expansion - CMAR 2	Cnstr	Feb-17	46,707,000
70 MGD Leonard WTP Site Phase I	Eng	Feb-17	16,371,000
McKinney No. 1 to Princeton No. 1 72 - inch and 24 - inch Waterline	Cnstr	Feb-17	14,000,000
LBCR - Acquisition of Property	Prop	Feb-17	7,880,000
Wylie WTP I, Rapid Mix and Sedimentation Imp.	Cnstr	Feb-17	15,450,000
Casa View Pump Station Electrical and Site Imp.	Cnstr	Feb-17	5,234,000
North McKinney Pipeline Phase III	Cnstr	Mar-17	17,510,000
North System Exchange Parkway Ground Storage	Cnstr	Mar-17	18,000,000
LBCR - Acquisition of Property	Prop	Apr-17	3,358,000
East System 4.9 MG Above Ground Storage Tank at Cash SUD	Cnstr	May-17	5,562,000
Wylie WTP II, Filter Underdrain Imp. and Conversion to Biological Filters Phase II	Cnstr	May-17	10,084,000
HSPS 2-1 Electrical Imp - Phase I	Cnstr	Jul-17	6,500,000
Total Project Cost			279,205,000
Estimated Cost of Issuance			4,415,292
Total			\$ 283,620,292
<u>Regional Solid Waste System - 11/17/16</u>			
121 RDF Leachate LS and Gravity Sewer	Cnstr	Nov-16	\$ 2,100,000
North Transfer Station	Perm	Jan-17	500,000
121 RDF Fleet Maintenance Shop Paving	Cnstr	Feb-17	4,400,000
Parkway Transfer Station Transition to Top Load	Eng	Jul-17	200,000
Service Center	Cnstr	Aug-17	2,680,000
Parkway Transfer Station Transition to Top Load	Cnstr	May-18	2,000,000
Total Project Cost			11,880,000
Estimated Cost of Issuance			770,000
Total			\$ 12,650,000
<u>Regional Wastewater System - 03/23/17</u>			
Regional WWTP Site	ROW	Mar-17	\$ 5,000,000
Wilson Creek Regional WWTP Maintenance Facility	Eng	Mar-17	350,000
Rowlett Creek Regional WWTP Peak Flow Management Phase II Imp.	Eng	Apr-17	1,800,000
Sludge Truck Weighing Facilities	Eng	Apr-17	500,000
Wilson Creek Regional WWTP Electrical Imp. Phase II	Eng	May-17	400,000
Rowlett Creek Regional WWTP Solids Building Imp.	Eng	May-17	218,000
Wilson Creek Regional WWTP Exp'n to 64 MGD	Cnstr	Jun-17	44,000,000
Floyd Branch Regional WWTP Optimization Process Imp.	Cnstr	Jun-17	9,888,000
South Mesquite Regional WWTP Aeration System Phase II Imp.	Cnstr	Aug-17	4,900,000
Total Project Cost			67,056,000
Estimated Cost of Issuance			6,706,000
Total			\$ 73,762,000

All Systems
Bond Issues

System / Project	Type	Est Award	Amount
<u>Upper East Fork Interceptor System - 03/23/17</u>			
Beck Branch Gravity Sewer Rowlett Creek Crossing Imp.	Cnstr	Mar-17	\$ 1,150,000
Richardson Spring Creek Trunk Sewer Aerial Crossing Phase II	Cnstr	Mar-17	1,700,000
Princeton Lift Station Imp.	Cnstr	Mar-17	8,000,000
Beck Branch Interceptor Imp.	Cnstr	Apr-17	3,950,000
McKinney Prosper Parallel Sewer	Prop	May-17	131,000
Princeton Parallel Force Main	Cnstr	Jun-17	9,000,000
Plano Spring Creek Lift Station No. 2 Imp.	Eng	Jul-17	1,000,000
Wilson Creek Lift Station	Cnstr	Sep-17	3,500,000
North McKinney Lift Station Expansion	Cnstr	Sep-17	3,500,000
Indian Creek Lift Station Imp.	Prop	Oct-17	500,000
Indian Creek Force Main Imp.	Prop	Oct-17	5,800,000
Total Project Cost			38,231,000
Estimated Cost of Issuance			3,823,000
Total			\$ 42,054,000

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2016 - 2017 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
203 ROYSE CITY WATER STORAGE 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
- 602 DEWATERING PRESS OPERATIONS
- 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
- 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.

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 heath 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	FILM & DEVELOPMENT - Film and development.
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 PERMANEGANATE - 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 SRPINGS 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.

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 SAFETY SERVICES - Services purchased to enhance safety.

533105 IT ADMIN SERVICES - Water System cost to provide IT administrative services for other functions.

533100 ADMINISTRATION - Water System cost to provide 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.

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.

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.

CLASSIFICATION OF ACCOUNTS

BUDGET - EXPENDITURE

ITEM

530000 CONTRACTUAL SERVICES

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 Mainenance 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.
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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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2016 - 2017 ANNUAL BUDGET

RESOLUTION NO. 16 - __

NORTH TEXAS MUNICIPAL WATER DISTRICT

RESOLUTION NO. ____

A RESOLUTION APPROVING APPROPRIATIONS FOR THE 2016-17 ALL SYSTEMS ANNUAL BUDGET, AMENDING THE 2015-16 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 2016-17 ALL SYSTEMS ANNUAL BUDGET BE APPROVED AS SUBMITTED BY THE EXECUTIVE DIRECTOR / GENERAL MANAGER FOR THE FISCAL YEAR OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017. 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 2016-17 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>2015-2016 Amended Budget</u>	<u>2016-2017 Budget</u>
Regional Water System	\$265,894,530	\$302,496,315
Sewer System	34,463,950	36,243,645
Regional Wastewater System	55,445,895	58,910,795
Regional Solid Waste System	30,879,830	32,666,410
Upper East Fork Interceptor System	25,061,395	29,006,855
Total	<u>\$411,745,600</u>	<u>\$459,324,020</u>

	2015-2016 Amended Budget	2016-2017 Budget
<u>By Character:</u>		
Personnel	\$64,761,060	\$71,431,050
Supplies	45,563,800	48,746,230
Services	80,020,770	85,319,315
Capital Outlay	11,627,030	11,053,830
Escrow	791,500	290,970
Capital Improvement	68,242,080	64,800,000
Debt Service	140,668,310	176,664,295
Special Projects	71,050	1,018,330
Total	<u>\$411,745,600</u>	<u>\$459,324,020</u>

2. The Amended Budget, as set forth in column four of the 2016-17 All Systems Annual Budget Document, shall be approved as the authorized Amended Budget for the 2015-16 Fiscal Year and the Proposed Budget, as set forth in column five of the 2016-17 All Systems Annual Budget Document, shall be approved as the authorized Budget for the 2016-17 Fiscal Year.

3. The Salary Plan as set forth in the 2016-17 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 2016-17 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 \$_____, the Deputy Director (Finance & Personnel) of \$_____, and for the Deputy Director (Support Services) not to exceed \$_____.

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 \$_____, the Deputy Director (Finance & Personnel) of \$_____, and for the Deputy Director (Support Services) not to exceed \$_____.

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

a. 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

b. 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 2016-17 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	\$ 2.53	\$ 15,208,356.24	\$0.41
Farmersville	280,467	\$ 2.53	\$ 709,581.51	\$0.41
Forney	1,849,256	\$ 2.53	\$ 4,678,617.68	\$0.41
Frisco	10,225,090	\$ 2.53	\$ 25,869,477.70	\$0.41

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	\$ 2.53	\$ 34,716,546.15	\$0.41
McKinney	10,762,780	\$ 2.53	\$ 27,229,833.40	\$0.41
Mesquite	8,297,666	\$ 2.53	\$ 20,993,094.98	\$0.41
Plano	26,719,809	\$ 2.53	\$ 67,601,116.77	\$0.41
Princeton	485,886	\$ 2.53	\$ 1,229,291.58	\$0.41
Richardson	11,019,311	\$ 2.53	\$ 27,878,856.83	\$0.41
Rockwall	3,330,881	\$ 2.53	\$ 8,427,128.93	\$0.41
Royse City	448,255	\$ 2.53	\$ 1,134,085.15	\$0.41
Wylie	1,877,558	\$ 2.53	\$ 4,750,221.74	\$0.41
Total Members	95,030,122		\$ 240,426,208.66	
Customers:				
Ables Springs SUD	75,600	\$ 2.58	\$ 195,048.00	\$0.46 a
BHP WSC	138,023	\$ 2.58	\$ 356,099.34	d
Bonham	640,000	\$ 2.53 b	\$ 1,619,200.00	c
Bear Creek SUD	235,321	\$ 2.58	\$ 607,128.18	\$0.46
Caddo Basin SUD	334,397	\$ 2.58	\$ 862,744.26	\$0.46
Cash SUD	305,643	\$ 2.58	\$ 788,558.94	\$0.46
College Mound SUD	66,769	\$ 2.58	\$ 172,264.02	\$0.46
Copeville SUD	88,587	\$ 2.58	\$ 228,554.46	c
East Fork SUD	404,972	\$ 2.58	\$ 1,044,827.76	\$0.46
Fairview	887,811	\$ 2.58	\$ 2,290,552.38	\$0.46
Fate	279,932	\$ 2.58	\$ 722,224.56	\$0.46
Fate No. 2	529,453	\$ 2.58	\$ 1,365,988.74	\$0.46
Forney Lake WSC	329,424	\$ 2.58	\$ 849,913.92	\$0.46
Gastonia Scurry SUD	110,490	\$ 2.58	\$ 285,064.20	e
GTUA	383,733	\$ 2.58	\$ 990,031.14	\$0.46
Josephine	62,039	\$ 2.58	\$ 160,060.62	\$0.46
Kaufman	459,989	\$ 2.58	\$ 1,186,771.62	d
Kaufman Four-One	528,801	\$ 2.58	\$ 1,364,306.58	\$0.46
Little Elm	1,235,350	\$ 2.58	\$ 3,187,203.00	c
Lucas	628,590	\$ 2.58	\$ 1,621,762.20	\$0.46
Melissa	248,326	\$ 2.58	\$ 640,681.08	\$0.46
Milligan WSC	149,894	\$ 2.58	\$ 386,726.52	c
Mt. Zion WSC	159,302	\$ 2.58	\$ 410,999.16	\$0.46
Murphy	1,404,775	\$ 2.58	\$ 3,624,319.50	\$0.46
Nevada SUD	47,179	\$ 2.58	\$ 121,721.82	\$0.46
Nevada SUD No.2	70,985	\$ 2.58	\$ 183,141.30	\$0.46
North Collin SUD	346,058	\$ 2.58	\$ 892,829.64	d
Parker	533,654	\$ 2.58	\$ 1,376,827.32	\$0.46
Prosper	1,317,827	\$ 2.58	\$ 3,399,993.66	d
Rose Hill SUD	143,271	\$ 2.58	\$ 369,639.18	c
Rowlett	3,192,039	\$ 2.58	\$ 8,235,460.62	c
Sachse	1,332,153	\$ 2.58	\$ 3,436,954.74	\$0.46
Seis Lagos MUD	133,220	\$ 2.58	\$ 343,707.60	\$0.46
Sunnyvale	595,071	\$ 2.58	\$ 1,535,283.18	c
Terrell	1,400,000	\$ 2.58	\$ 3,612,000.00	c
Wylie N.E. SUD	216,350	\$ 2.58	\$ 558,183.00	\$0.46
Total Customers	19,015,028		\$ 49,026,772.24	
Total	114,045,150		\$ 289,452,980.90	

a Water consumed over 365,000,000 gallons shall be charged at a rate of \$2.58 / 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 \$2.58 / 1,000 gallons.

e Water consumed over Minimum Annual Demand shall be charged at a rate of \$5.16 / 1,000 gallons.

RETAIL TREATED WATER RATES - RESIDENTIAL

Minimum - First 2,000 Gallons	\$15.00
From 2,000 to 10,000 Gallons	\$5.16 per 1,000 Gallons
From 10,000 to 20,000 Gallons	\$7.04 per 1,000 Gallons
Above 20,000 Gallons	\$8.79 per 1,000 Gallons
Reconnect Fees	\$30.00

RETAIL TREATED WATER RATES - COMMERCIAL

From 0 to 10,000 Gallons	\$5.63 per 1,000 Gallons
Above 10,000 Gallons	\$7.04 per 1,000 Gallons
Reconnect Fees	\$30.00

NON-POTABLE WATER RATE

East Fork Raw Water Project	\$.63 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 2016-17 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 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 \$23.49 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. The Executive Director / General Manager may prepare a schedule of charges to be used when weights are not practical to obtain.
- III. 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 in the Regional Wastewater System, Regional Solid Waste System, Upper East Fork Interceptor System and each of the Funds in the Sewer System 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 \$23,665 in the Water System.

This Resolution approved by the Board of Directors in a regular meeting on September 22, 2016.

JOHN SWEEDEN
SECRETARY

TERRY SAM ANDERSON
PRESIDENT