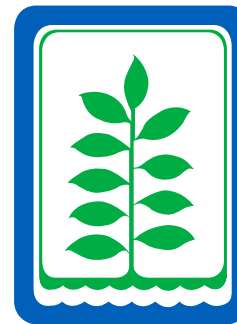




Groundbreaking Ceremony for Bois d'Arc Lake



Wilson Creek Regional Wastewater Treatment Plant Expansion



**NORTH  
TEXAS  
MUNICIPAL  
WATER  
DISTRICT**

## **2018-2019 ANNUAL BUDGET**



Morrow Renewable High BTU Gas Plant at 121 RDF



Wylie Water Treatment Plant Expansion

# **NORTH TEXAS MUNICIPAL WATER DISTRICT**

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FRISCO  
FRISCO  
WYLIE

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THOMAS W. KULA  
EXECUTIVE DIRECTOR / GENERAL MANAGER

## 2018 - 2019 ANNUAL BUDGET

### TABLE OF CONTENTS

<b><u>FUNCTION</u></b>	<b><u>PAGE</u></b>
Executive Director / General Manager's Review.....	i - viii
Regional Water System.....	1 - 49
Sewer System.....	50 - 124
Regional Wastewater System.....	125 - 142
Regional Solid Waste System.....	143 - 165
Upper East Fork Interceptor System.....	166 - 172
Appendix.....	173 - 251





*Regional. Reliable. Everyday.*

September 13, 2018

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

RE: 2018-19 ALL SYSTEMS BUDGET

Dear Directors:

Submitted herewith is the 2018-19 Annual All Systems Budget for the North Texas Municipal Water District. This budget document has been prepared by the Finance Staff as submitted by the System Managers and has been reviewed and approved by the Executive Director / General Manager.

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

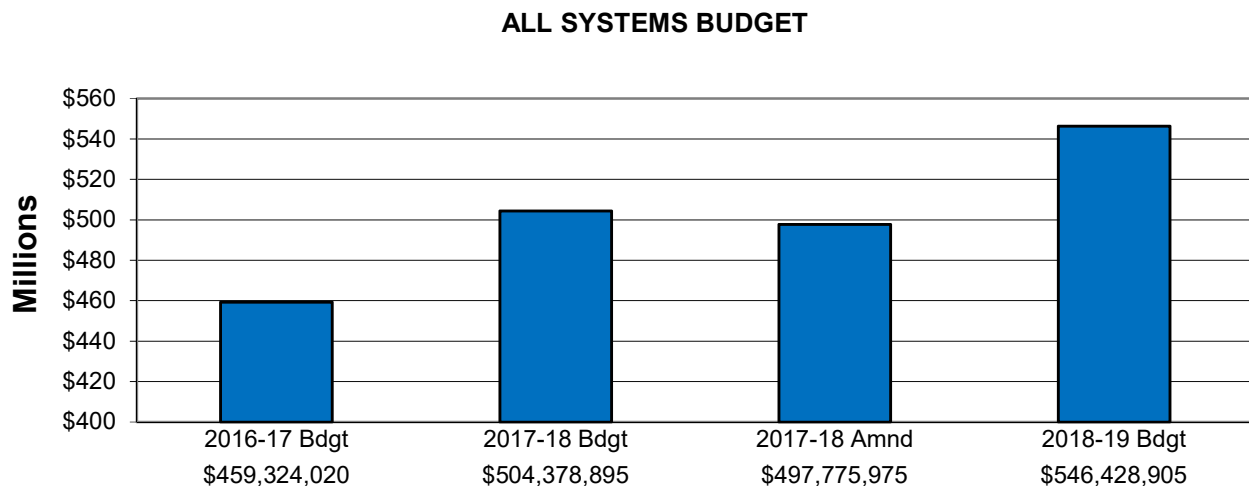
The District's service area is growing with the population expected to more than double over the next 50 years. Large capital projects must have adequate funding to plan, permit, acquire land and construct in time to meet future needs. The District's existing systems and infrastructure—some constructed 60 years ago—require maintenance and improvements to sustain reliability, comply with regulations, and ensure public health and safety. The 2018-19 budget was developed to continue meeting these responsibilities.

## **OVERALL BUDGET**

The 2018-19 Annual All Systems Budget as proposed in the amount of \$546,428,905 includes funding for the following:

- Issuance of approximately \$686 million of revenue bonds to fund the District's capital programs.
- Construction of the 70 million gallons per day (mgd) Leonard Water Treatment Plant Site and Terminal Storage Reservoir, Riverby Mitigation, Bois d' Arc Lake Raw Water Pipeline, Treated Water Pipeline from Leonard WTP to McKinney No. 4.
- Construction of various expansion and improvement projects in the Regional Wastewater System, Upper East Fork Interceptor System and Sewer System.
- Partial funding for 12 mid-year personnel additions in FY18. FY19 includes full year funding for FY18 mid-year personnel additions and for 21 additional personnel beginning October 1, 2018.

Comparisons of the Budget for fiscal years 2016-17 through 2018-19 for All Systems are presented below.



The 2017-18 Amended Budget is expected to be \$6,602,920 less than the 2017-18 Original Budget, which reflects a 1.3% decrease. This decrease is the result of fuel cost savings in the Regional Solid Waste System, debt service savings in the Regional Water System due to issuing revenue bonds through Texas Water Development Board (SWIFT) program and less than expected raw water purchases due to decreased water consumption.

The proposed 2018-19 Budget requests an increase of \$42,050,010 or 8.3% over the 2017-18 Original Budget. This increase is primarily due to additional debt service requirements for the construction of Bois d'Arc Lake and Leonard WTP, an increase in water purchases due to the anticipated completion of the Trinity River Main Stem project and full year funding for 12 mid-year personnel additions in 2017-18 and full year funding of 21 additional personnel in 2018-19.

## BUDGET METHODOLOGY CHANGE

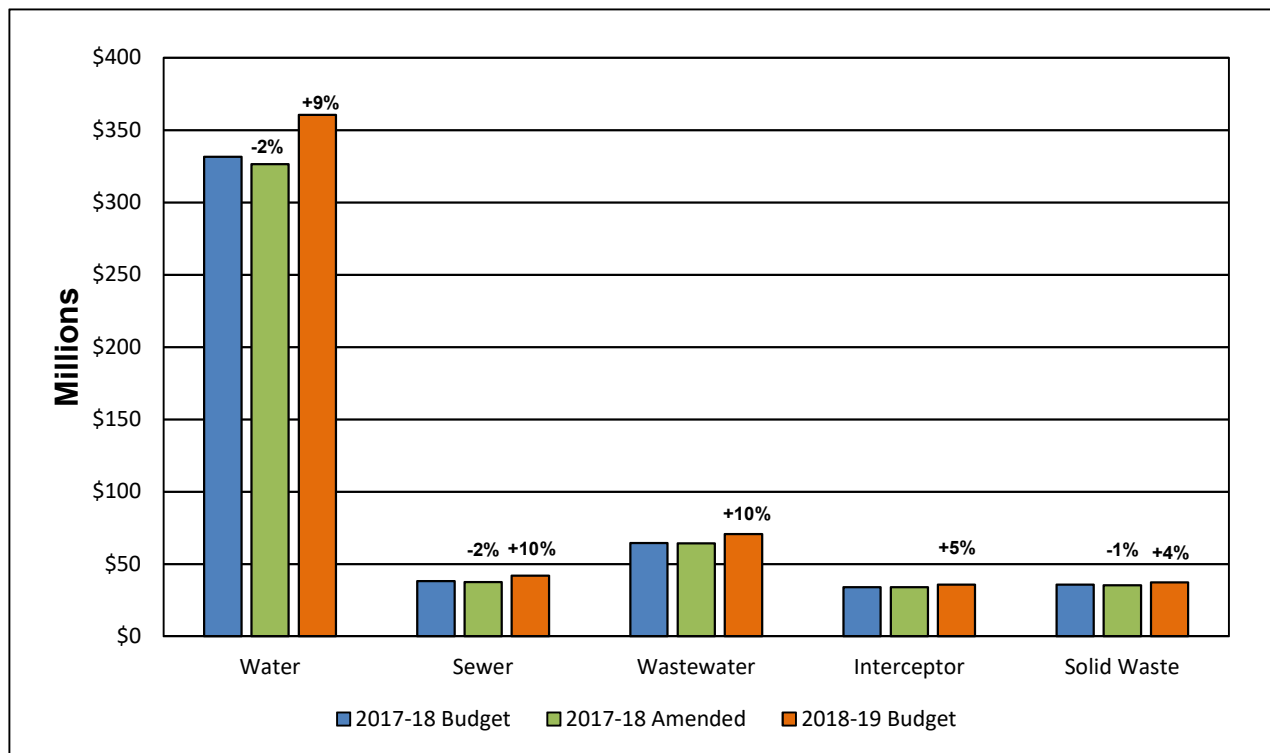
In a Special Board Meeting on August 17, 2018, the NTMWD Board approved a change in the budget methodology beginning FY2019. The new methodology will adjust the budget by taking into account recent trends in water use and refined execution of the District's large capital program. This methodology is planned to be the standard practice for future years. The Regional Water System Budget Review Section explains the change in detail.

### REVIEW BY SYSTEM

Comparisons of Expenditures for fiscal years 2017-18 and 2018-19 by System are presented as follows.

#### EXPENDITURES BY SYSTEM

System	2017-18 Budget	2017-18 Amended	2018-19 Budget
Water	\$ 331,686,860	\$ 326,435,000	\$ 360,568,545
Sewer	38,268,645	37,612,135	42,104,675
Wastewater	64,499,325	64,277,545	70,658,310
Interceptor	34,073,930	34,073,425	35,795,630
Solid Waste	35,850,135	35,377,870	37,301,745
<b>Total</b>	<b>\$ 504,378,895</b>	<b>\$ 497,775,975</b>	<b>\$ 546,428,905</b>

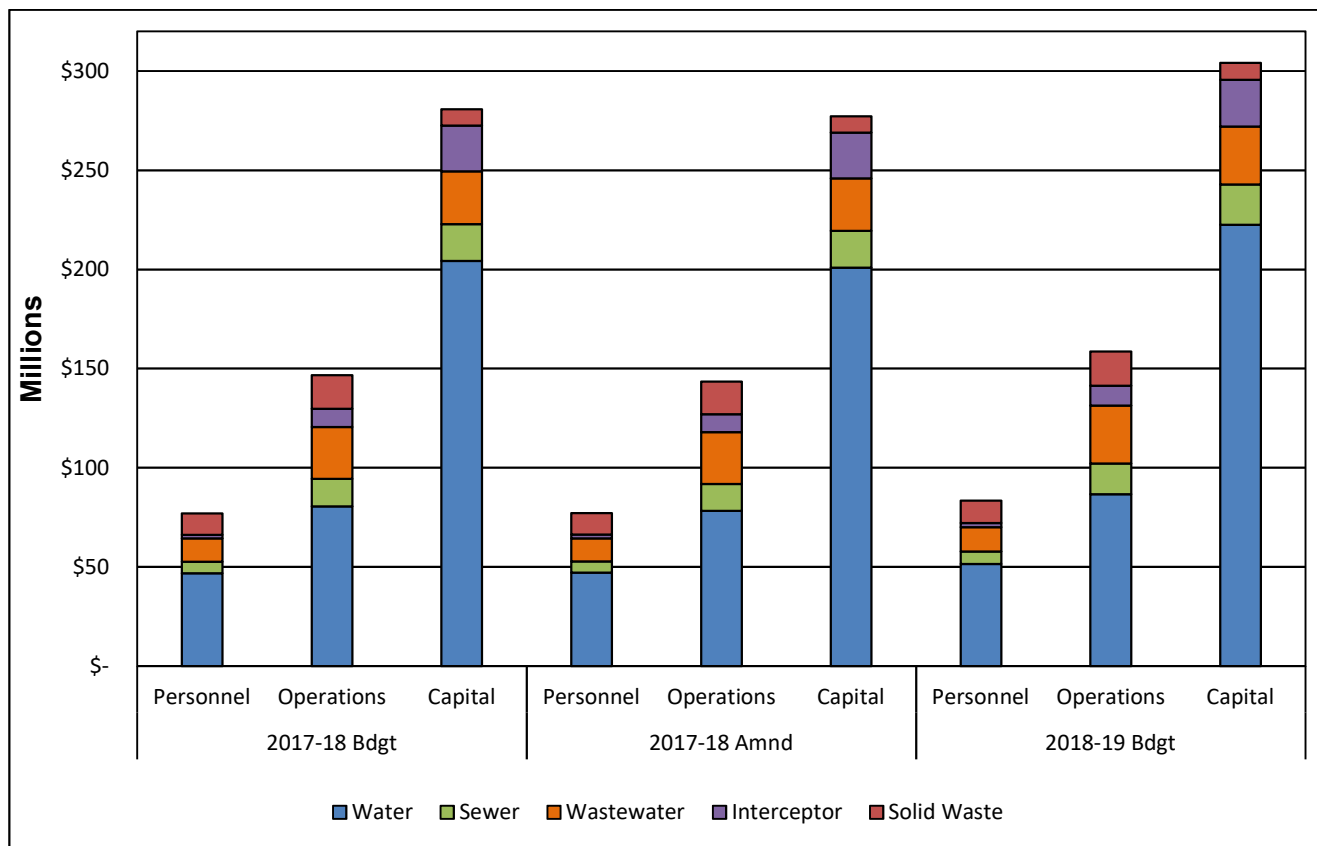


## REVIEW BY CHARACTER

The following is a comparison of the Expenditures for fiscal years 2017-18 and 2018-19 by Character.

### ALL SYSTEMS EXPENDITURES BY CHARACTER

Character	2017-18 Budget	2017-18 Amended	2018-19 Budget
Personnel	\$ 77,006,075	\$ 77,204,300	\$ 83,527,480
Operations	146,697,775	143,429,730	158,700,600
Capital	280,675,045	277,141,945	304,200,825
<b>Total</b>	<b>\$ 504,378,895</b>	<b>\$ 497,775,975</b>	<b>\$ 546,428,905</b>



## PERSONNEL

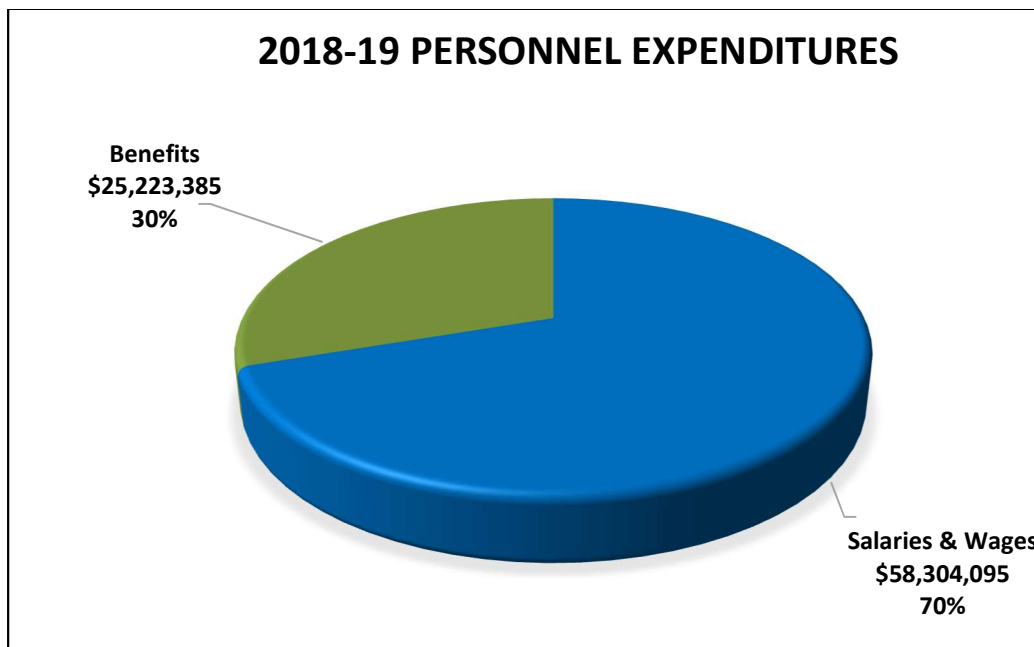
The 2017-18 Amended Budget is \$198,225 or 0.26% more than the 2017-18 Original Budget. This increase is primarily due to an increase in overtime of maintenance personnel in the Regional Water System and transport drivers in the Regional Solid Waste System.

The 2018-19 Budget is \$6,521,405 or 8.5% greater than the 2017-18 Original Budget. This increase includes \$4,835,700 for salaries and wages and \$1,685,705 for benefits. The increase in salaries and benefits is primarily the result of a performance based salary adjustment in the amount of \$1,498,125, a cost of living adjustment in the amount of \$1,020,470, a full year funding for 12 mid-year positions requested in the 2017-18 Amended Budget in the amount of \$1,112,070, a full year funding for 21 additional positions requested in 2018-19 in the amount of \$1,372,655, an increase in hospital insurance premiums in the amount of \$967,365, and an increase to overtime in the amount of \$547,945.

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

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

The 21 additional positions in 2018-19 is a 2.6% increase to 826 employees. A list of individual positions by department is included in the appendix of this budget document.

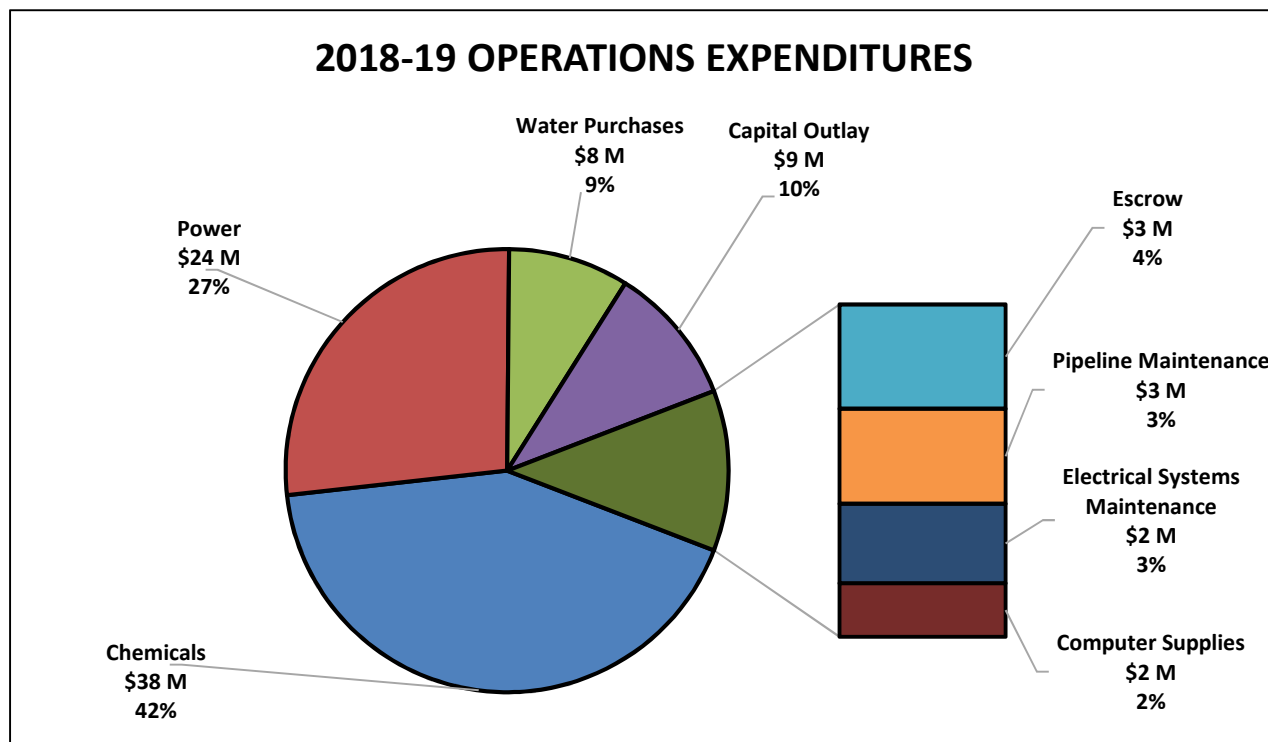




## OPERATIONS

The 2017-18 Amended Budget is \$3,268,045 or 2.0% less than the 2017-18 Original Budget. This decrease is primarily due to a reduction in raw water purchases of \$1,975,230 and reduced power costs of \$3,206,420 that resulted from reduced water consumption and favorable electric power contracts. There was also savings in fuel costs of \$747,585 primarily in the Regional Solid Waste System due to less than anticipated consumption. Special Projects decreased in the amount of \$91,500 due to the timing of various projects in the Regional Water System. Capital Outlay Expenditures also decreased by \$100,575 due to funding cell construction projects with capital improvement funds in the Regional Solid Waste System.

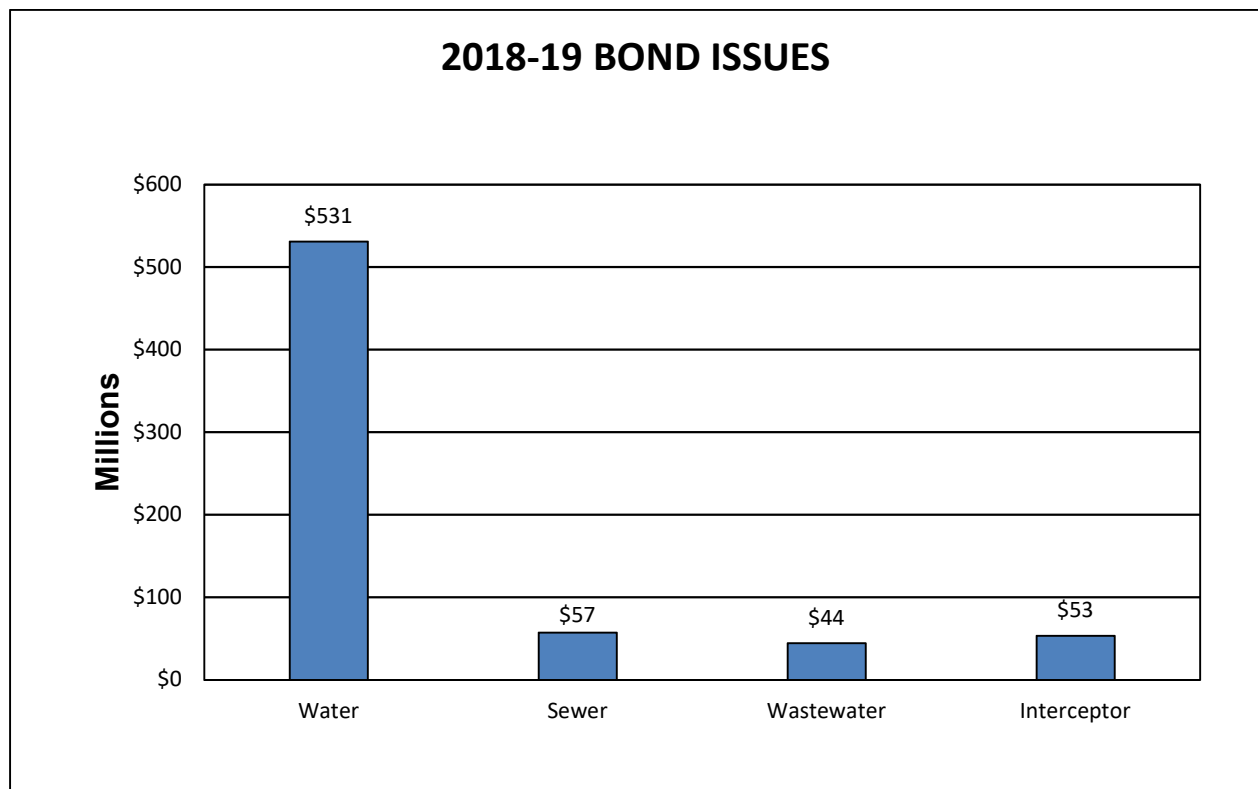
The 2018-19 Budget is \$12,002,825 or 8.0% more than the 2017-18 Original Budget. This increase is primarily due to an increase in chemicals of \$2,477,545, electric power of \$1,007,485 and wholesale water purchases of \$2,228,455 in the Regional Water System for the treatment and distribution costs of supplying minimum annual demands. The increase is also the result of additional Computer Supplies in the amount of \$603,710 for funding software purchases and additional licenses and support services, an increase in preventive maintenance, inspection, and repairs to electrical systems in the amount of \$1,057,630 and an increase of \$415,165 for pipeline maintenance in the Wastewater Conveyance Systems for pipeline and manhole condition assessments and repairs. Additional Reserve for Maintenance Funds of \$530,850 and Preventative Maintenance Funds of \$879,610 results in an increase of 1,008,695 in Escrow Accounts. The Reserve for Maintenance and Preventative Maintenance Funds enable periodic maintenance activities such as manhole rehabilitation, pipeline cleaning, condition assessment, and right of way clearing. The 2018-19 Capital Outlay Schedule is included in the Appendix of this budget document.



## CAPITAL

The 2017-18 Amended Budget is \$3,533,100 or 1.3% less than the 2017-18 Original Budget. This decrease is primarily the result of financing revenue bonds in the Regional Water System for the Bois d' Arc Lake and Leonard WTP projects through the Texas Water Development Board's State Water Implementation Fund for Texas (SWIFT) Program.

The 2018-19 Budget is \$23,525,780 or 8.4% more than the 2017-18 Original Budget. This increase is primarily due additional requirements for bond issuances of \$531 million for the Regional Water System, \$44 million for the Regional Wastewater System, \$53 million for the Upper East Fork Interceptor System, and \$57 million for the Sewer System that are planned for 2018-19. Lists of the projects to be funded by the planned bond issues are included in the Appendix of this budget document. The 2018-19 Budget includes funding for the required debt service payments related to these bond issues.



### **RECOMMENDATION**

The 2018-19 Annual All Systems Budget as proposed in the amount of \$546,428,905 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 27, 2018, regular Board Meeting. Should you have any questions or need additional information, please do not hesitate to contact my office or Erik Felthous, Assistant Deputy - Finance.

Respectfully Submitted,



Thomas W. Kula  
Executive Director / General Manager

**2018 - 2019 ANNUAL BUDGET**  
**REGIONAL WATER SYSTEM**

## 2018 - 2019 ANNUAL BUDGET

### REGIONAL WATER SYSTEM

#### TABLE OF CONTENTS

<b>FUNCTION</b>	<b>PAGE</b>
Budget Review	3
Expenditure Comparison by Function and by Character	10
Budget Summary	11
5310 General Summary	12
5311 Public Relations/Information Service Summary	14
5313 Information Technology Summary	16
5320 Administration Summary	18
5330 Plant Operations Summary	20
5331 Texoma Pump Station Summary	22
5332 Chapman Pump Station Summary	24
5333 Tawakoni Raw Water Pump Station & WTP Summary	26
5334 East Fork Raw Water Supply Summary	28
5335 Bonham WTP Summary	30
5340 Facilities Services Summary	32
5350 Technical Services Summary	34
5360 Laboratory Services Summary	36
5370 Engineering Services Summary	38
5380 Environmental Services Summary	40
5381 Permitting Summary	42
5382 Regulatory Compliance Summary	44
5390 Safety Summary	46
5999 Debt Service Summary	48



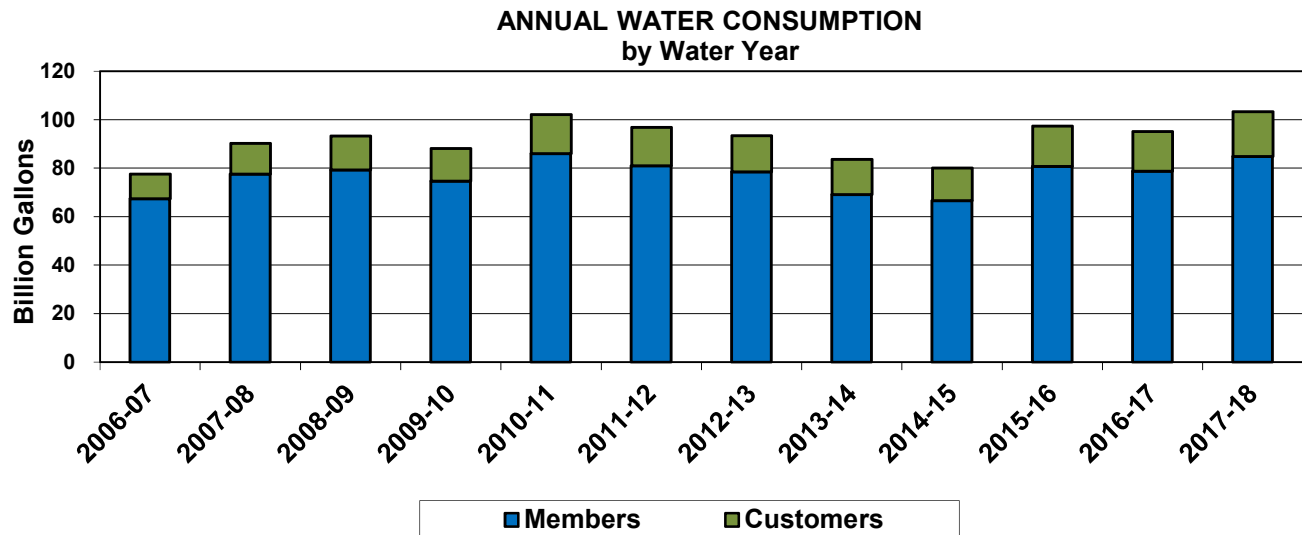
## 2018-2019 ANNUAL BUDGET

### REGIONAL WATER SYSTEM

#### BUDGET REVIEW

The Regional Water System currently provides treated water service to areas having an estimated population in excess of 1.7 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 2017-18 water year (August 1, 2017 through July 31, 2018) was 103,270,572,000 gallons, which was 8,149,561,000 gallons, or 8.6% more than the previous year's consumption of 95,121,011,000 gallons and 11,279,248,000 gallons, or 10.9% less than the expected consumption of 114,549,820,000 gallons for the year. Historical water consumption is presented below.



#### Operating Condition

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

The pumping and transmission system remains in sound operating condition. Several improvements are currently underway including the North McKinney Pipeline Phase III, Casa View Pump Station and Site improvements, and a north system 10 million gallon ground storage tank hydraulic analysis.

## **Raw Water Supply**

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

- A permitted water right for up to 64 mgd of capacity from the Wilson Creek Regional Wastewater Treatment Plant of highly treated effluent that is discharged into Lavon Lake.
- A current supply of approximately 45 mgd from the East Fork Raw Water Reuse Project that is discharged into Lavon Lake.
- An additional maximum of 56,050 acre-feet per year through Main Stem Pump Station which is supplied through the East Fork Water Reuse Project at Lavon Lake.
- A Lake Bonham supply of 4.8 mgd serving the Bonham Water Treatment Plant.

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

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

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

NTMWD launched a youth water awareness and education campaign, Water4Otter in the fall of 2014. The goal of Water4Otter is to increase the number of household conversations about source water and water conservation. Research shows that only 15 percent of North Texas parents report that their children have reminded them to not waste water, yet most parents will listen if their kids ask them to

conserve. Researchers also found that children easily identified with animals, understanding that their water source is also a home to wildlife. These findings inspired the creation of Otis the Otter. Water4Otter launched its first year campaign during the 2014-2015 school year. With the completion of the 2017–2018 school year, in excess of 20,000 students have been reached with the Water4Otter performances. NTMWD remains committed to the implementation of the youth water awareness campaign, Water4Otter. The Water4Otter campaign has been expanded to include additional characters. During the 2015-2016 presentations, Water4Otter introduced Farah the Fox, who educates on wastewater treatment, indirect reuse as a water supply, and the concept of “One Water”; and in the 2016–2017 presentation, Water4Otter introduced Bob the Bobcat who educates on watershed protection and water quality in the natural waterways. The in-school performances are supported by a free mobile game and website. The Water4Otter app is a fun way for students to practice their “Water-Spotting.” At Water4Otter.org, parents, teachers, and students increase their knowledge about Otis and his friends, and share digital images with friends and family. Water4Otter is raising awareness, increasing conversations of water, and teaching the next generation about responsible water use.

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

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:

- Was successful in receiving a 3-year temporary over drafting permit of Lavon Lake from the Texas Commission on Environmental Quality in 2018. The 3-year temporary water right was granted in July 2018.
- Pursuing an agreement with the Trinity River Authority to purchase up to 50,060 acre\*feet per year of reuse water to be withdrawn out of the Trinity River by the Main Stem Pump Station starting in 2019.

To meet long-term needs, the District is:

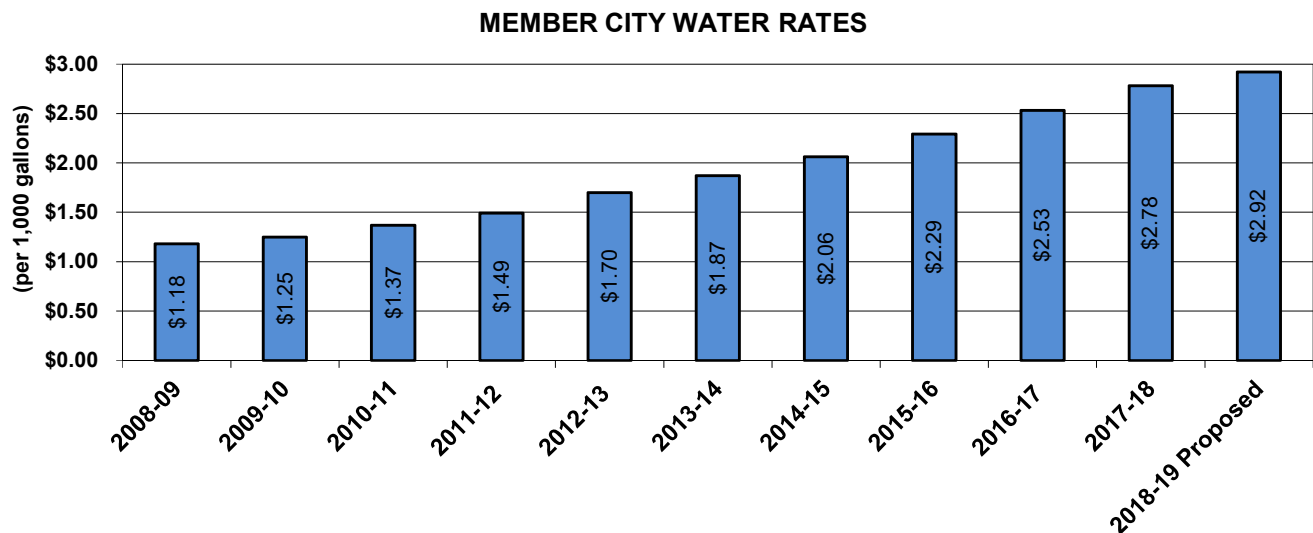
- Constructing the Bois d’ Arc Lake, which is projected to supply 108 mgd and is on track to be online in 2022. The District was issued a Water Right from the Texas Commission on Environmental Quality in June 2015. A U.S. Army Corps of Engineer’s Clean Water Act Section 404 permit application received in February 2018.
- Pursuing the development of the Sulphur Basin Supplies Strategy in partnership with the Sulphur River Basin Authority, Tarrant Regional Water District, City of Irving, City of Dallas, and the Upper Trinity Regional Water District. The first phase of this project is expected to provide 78 mgd and is currently scheduled to be online in 2060.

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

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

### **Water Rate Adjustments**

In order to fund the development of additional raw water resources, treatment and transmission system improvements, and increased operating costs, it is recommended that the current Member City Water Rate be adjusted from \$2.78 per 1,000 gallons to \$2.92 per 1,000 gallons and that the current Customer City Water Rate be adjusted from \$2.83 per 1,000 gallons to \$2.97 per 1,000 gallons on October 1, 2018. 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.



Following are the components of the Member City Water Rate.

	<u>2017-18</u>	<u>Proposed 2018-19</u>	<u>Change</u>
Variable O&M Cost:			
Chemicals	\$ 0.23	\$ 0.23	\$ -
Power	0.14	0.15	0.01
Water	0.03	0.04	0.01
Total	<u>0.40</u>	<u>0.42</u>	<u>0.02</u>
Fixed O&M Cost:			
Personnel	0.39	0.41	0.02
Supplies	0.05	0.06	0.01
Services	0.22	0.22	0.00
Capital Outlay	0.02	0.01	(0.01)
Other	-	0.00	0.00
Total	<u>0.68</u>	<u>0.71</u>	<u>0.03</u>
Capital Costs:			
Capital Improvement Fund	0.57	0.39	(0.18)
Debt Service	1.13	1.40	0.27
Total	<u>1.70</u>	<u>1.79</u>	<u>0.09</u>
Total Rate per 1,000	<u>\$ 2.78</u>	<u>\$ 2.92</u>	<u>\$ 0.14</u>

### **Budget Methodology**

In a Special Board Meeting on August 17, 2018, the NTMWD Board approved a change in the budget methodology beginning FY19. This new methodology will adjust the budget by taking into account recent trends in water use and refined execution of the District's large capital program. This methodology will be the standard practice for future years.

Historically, the District has traditionally budgeted to provide 100% of contractual minimums to meet the growth across the entire region. While growth in the region continues, conservation and lower demands have resulted in actual use less than the amount of contractual minimums in recent years. This presents the District with the opportunity to begin budgeting on recent trends of actual use.

This new methodology will result in lower revenue requirements resulting in a 14-cent reduction in the projected water cost per 1,000 for FY19 from \$3.06 to \$2.92. It also allows for a reduction in the amount of water rate increase for FY19 from 10.07% to 5.04%.

The new water budget method will be based on budgeting to 90% of contractual minimums and budgeting for the planned execution of the capital program. Reduced costs are built in on the front end at the beginning of the fiscal year. It will mean a lower year-end rebate for variable costs, but will result in an overall net savings to Member Cities throughout the year. Each year, the District will review the historic usage and adjust as needed in the event that actual usage exceeds 90% consistently.

### **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 2018-19 are scheduled at 118,150,106,000 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 \$.40 per 1,000 gallons for Member Cities and \$.45 per 1,000 gallons for Customer Cities. It is proposed that the Excess Water Rate be adjusted to \$.42 per 1,000 gallons for Member Cities and \$.47 per 1,000 gallons for Customer Cities for 2018-19, primarily due to decreased power costs associated with favorable electric power contracts.

The Board of Directors has also established a Rebate Program. In accordance with the Program, each city's actual usage is compared to its Minimum Annual Demand and the Board determines whether to rebate the variable cost (\$.40 per 1,000 gallons for 2017-18) 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 2017-18.

### 2017-18 POTENTIAL WATER REBATES

City	Minimum Annual Demand (1,000 Gallons)	WY18 Actuals (1,000 Gallons)	Potential Rebate
Allen	6,011,208	5,814,140	78,827.20
Farmersville	280,467	203,755	30,684.08
Forney	1,849,256	1,956,185	
Frisco	10,225,090	10,986,490	
Garland	13,721,955	11,066,106	1,062,339.60
McKinney	10,762,780	11,963,029	
Mesquite	8,297,666	5,631,061	1,066,642.00
Plano	26,719,809	21,803,047	1,966,704.80
Princeton	485,886	535,076	
Richardson	11,019,311	8,735,676	913,454.00
Rockwall	3,330,881	3,837,222	
Royse City	448,255	493,325	
Wylie	1,877,558	1,774,257	41,320.40
<b>Total</b>	<b>95,030,122</b>	<b>84,799,369</b>	<b>5,159,972.08</b>

## **Budget Review**

The 2017-18 Amended Budget is \$5,251,860 or 1.6% less than the 2017-18 Original Budget. This decrease is due to reduced power and reduced water purchases as a result of less than expected consumption.

Member and Customer water sales revenues are expected to be \$316,109,979 for 2017-18. In addition, \$13,246,621 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 \$329,356,600 and total expenditures are expected to be \$326,435,000 resulting in a \$2,921,600 increase in the operating fund balance. The fund balance is expected to be \$33,467,960 at the end of the 2017-18 fiscal year.

Expenditures in the amount of \$360,568,545 are requested for the 2018-19 Budget, which are \$28,881,685 or 8.7% greater than the 2017-18 Original Budget. This increase is primarily due to increased debt service cost of \$37,714,375 for financing \$531 million in revenue bonds and cash funding projects of \$94 million in the capital improvement fund. In addition, due to an increase in wholesale water purchases of \$2,228,455, electrical power costs increased in the amount of \$1,007,485. The cost of chemicals have increased by \$2,477,545 due to the increase in the amount of water being treated, higher chemical bids, and dosage rate changes. Likewise, computer supplies increased by \$523,865 for funding software purchases and additional licenses and support services. Due to the District's agreement with Sierra Club for LBCR to increase the water conservation program budget, special studies and reports increased by \$343,520.

2018-19 Member and Customer water sales revenues are projected to be \$345,983,030, which reflects a \$.14 per 1,000 gallons rate adjustment. Combined with other budgeted revenues of \$14,801,855, the total budgeted revenue for 2018-19 is \$360,784,885, which is \$29,059,045 or 8.8% greater than the 2017-18 Original Budget.

# 2018-2019 ANNUAL BUDGET

## REGIONAL WATER SYSTEM

### EXPENDITURE COMPARISON

#### BY FUNCTION AND BY CHARACTER

	2015-16 ACTUAL	2016-17 ACTUAL	2017-18 BUDGET	2017-18 AMENDED	2018-19 PROPOSED
<b>BY FUNCTION</b>					
5310 GENERAL	\$ 4,713,368	\$ 5,871,048	\$ 6,212,135	\$ 7,308,055	\$ 6,127,810
5311 PUBLIC INFORMATION SERVICES	422,250	491,049	493,885	513,825	599,470
5313 INFORMATION TECHNOLOGY	3,344,960	3,972,760	4,158,400	4,193,080	4,217,355
5320 ADMINISTRATION	4,141,640	4,396,037	5,173,900	5,321,420	6,207,220
5330 PLANT OPERATIONS	39,479,828	42,720,068	48,886,760	51,867,215	52,482,255
5331 TEXOMA PUMP STATION	867,980	1,233,400	1,519,920	1,106,200	1,597,795
5332 CHAPMAN PUMP STATION	455,775	988,659	1,254,125	669,890	1,408,180
5333 TAWAKONI RAW WATER PS & WTP	6,682,427	6,486,353	11,433,305	6,929,175	11,133,210
5334 EAST FORK RAW WATER SUPPLY	2,654,417	3,855,792	4,163,125	3,812,100	8,446,470
5335 BONHAM WTP	1,309,508	1,662,195	1,478,015	1,517,825	1,544,345
5340 FACILITIES SERVICES	14,972,664	15,119,282	15,059,645	14,878,745	14,316,745
5350 TECHNICAL SERVICES	9,449,201	10,042,027	10,060,475	10,353,070	11,568,555
5360 LABORATORY SERVICES	3,158,965	3,673,889	3,530,595	3,559,925	3,698,740
5370 ENGINEERING SERVICES	8,913,666	9,100,798	10,191,700	9,990,385	11,298,135
5380 ENVIRONMENTAL SERVICES	1,170,183	1,215,131	1,339,945	1,232,455	1,320,935
5381 PERMITTING	729,047	668,586	1,033,760	756,725	639,145
5382 REGULATORY COMPLIANCE	440,048	593,246	401,805	403,940	409,515
5390 SAFETY	-	-	981,625	1,070,560	1,109,550
5999 DEBT SERVICE	161,955,904	179,024,284	204,313,740	200,950,410	222,443,115
<b>TOTAL</b>	<b>\$ 264,861,832</b>	<b>\$ 291,114,606</b>	<b>\$ 331,686,860</b>	<b>\$ 326,435,000</b>	<b>\$ 360,568,545</b>
<b>BY CHARACTER</b>					
PERSONNEL	\$ 38,847,878	\$ 42,606,283	\$ 46,823,425	\$ 47,235,640	\$ 51,497,330
SUPPLIES	25,269,500	26,057,454	31,685,060	34,410,200	35,127,895
SERVICES	36,018,320	40,057,197	46,447,135	41,420,505	49,802,745
CAPITAL OUTLAY	2,770,231	2,788,715	2,272,500	2,304,745	1,527,460
ESCROW	-	50,000	50,000	50,000	50,000
CAPITAL IMPROVEMENT FUND	76,902,555	67,255,000	68,185,000	77,325,000	48,600,000
DEBT SERVICE	85,053,349	111,769,284	136,128,740	123,625,410	173,843,115
SPECIAL PROJECTS	-	530,674	95,000	63,500	120,000
<b>TOTAL</b>	<b>\$ 264,861,832</b>	<b>\$ 291,114,606</b>	<b>\$ 331,686,860</b>	<b>\$ 326,435,000</b>	<b>\$ 360,568,545</b>

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**BUDGET SUMMARY**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Treated Water Sales:					
Members	\$ 209,429,504	\$ 233,740,290	\$ 264,183,739	\$ 260,107,618	\$ 285,621,847
Customers	43,114,579	48,832,124	55,208,745	56,002,362	60,361,183
Retail Customers	21,688	21,514	20,000	20,000	20,000
Raw Water Sales	2,086	1,462	2,780	1,500	2,805
Total	<u>252,567,857</u>	<u>282,595,390</u>	<u>319,415,265</u>	<u>316,131,479</u>	<u>346,005,835</u>
Other Charges:					
Administrative	5,068,955	4,775,460	4,111,990	4,111,990	4,823,180
IT Services	130,197	753,913	1,011,760	983,245	1,008,485
Laboratory	2,133,305	2,325,340	1,891,990	1,891,990	2,135,645
Maintenance & Technical Services	1,087,468	1,300,530	1,103,500	1,234,405	1,592,270
Permitting	538,555	580,775	364,525	364,525	516,880
Regulatory Compliance	240,115	637,825	242,030	242,030	220,995
Research & Development	590,935	667,485	585,090	585,090	669,975
Safety	-	-	397,980	397,980	445,175
Inspectors	1,899,884	2,107,694	2,090,000	2,527,000	2,656,500
Other	780,965	1,005,763	367,711	474,531	276,995
Total	<u>12,470,379</u>	<u>14,154,784</u>	<u>12,166,576</u>	<u>12,812,786</u>	<u>14,346,100</u>
Interest Income	<u>80,182</u>	<u>192,825</u>	<u>144,000</u>	<u>412,335</u>	<u>432,950</u>
Total	<u>\$ 265,118,418</u>	<u>\$ 296,942,999</u>	<u>\$ 331,725,840</u>	<u>\$ 329,356,600</u>	<u>\$ 360,784,885</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	26,363,934	29,073,914	32,815,570	32,670,225	36,373,130
Other	12,483,943	13,532,369	14,007,855	14,565,415	15,124,200
Total	<u>38,847,878</u>	<u>42,606,283</u>	<u>46,823,425</u>	<u>47,235,640</u>	<u>51,497,330</u>
Supplies:					
Fuel	346,034	364,497	451,690	407,290	508,370
Chemicals	19,864,911	19,387,857	25,385,285	27,824,755	27,862,830
Other	5,058,555	6,305,100	5,848,085	6,178,155	6,756,695
Total	<u>25,269,500</u>	<u>26,057,454</u>	<u>31,685,060</u>	<u>34,410,200</u>	<u>35,127,895</u>
Services:					
Power	13,116,950	14,462,476	16,541,160	13,341,700	17,548,645
Water Purchases	2,662,651	3,195,449	5,614,880	3,639,650	7,843,335
Other	20,238,718	22,399,272	24,291,095	24,439,155	24,410,765
Total	<u>36,018,320</u>	<u>40,057,197</u>	<u>46,447,135</u>	<u>41,420,505</u>	<u>49,802,745</u>
Capital Outlay	2,770,231	2,788,715	2,272,500	2,304,745	1,527,460
Escrow - Rsv for Maint	-	50,000.00	50,000	50,000	50,000
Capital Improvement Fund	76,902,555	67,255,000	68,185,000	77,325,000	48,600,000
Debt Service	85,053,349	111,769,284	136,128,740	123,625,410	173,843,115
Special Projects	<u>-</u>	<u>530,674</u>	<u>95,000</u>	<u>63,500</u>	<u>120,000</u>
Total	<u>\$ 264,861,832</u>	<u>\$ 291,114,606</u>	<u>\$ 331,686,860</u>	<u>\$ 326,435,000</u>	<u>\$ 360,568,545</u>
Revenues Over / (Under) Expenditures	<u>256,586</u>	<u>5,828,393</u>	<u>38,980</u>	<u>2,921,600</u>	<u>216,340</u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5310 GENERAL**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 1,895,804	\$ 2,238,044	\$ 2,251,970	\$ 2,460,930	\$ 2,423,685
SUPPLIES	74,717	75,648	31,825	45,075	46,170
SERVICES	2,704,999	3,557,356	3,878,340	4,744,345	3,582,955
CAPITAL OUTLAY	37,848	-	-	39,205	-
SPECIAL PROJECTS	-	-	50,000	18,500	75,000
<b>TOTAL</b>	<b>\$ 4,713,368</b>	<b>\$ 5,871,048</b>	<b>\$ 6,212,135</b>	<b>\$ 7,308,055</b>	<b>\$ 6,127,810</b>

**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. Charges for services are reimbursed from other systems.



**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5310 GENERAL**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 1,090,390	\$ 1,503,219	\$ 1,600,440	\$ 1,629,365	\$ 1,781,235
Other	<u>805,414</u>	<u>734,825</u>	<u>651,530</u>	<u>831,565</u>	<u>642,450</u>
Total	1,895,804	2,238,044	2,251,970	2,460,930	2,423,685
Supplies:					
Fuel	1,945	1,774	3,000	1,750	1,750
Chemicals	-	-	-	-	-
Other	<u>72,772</u>	<u>73,874</u>	<u>28,825</u>	<u>43,325</u>	<u>44,420</u>
Total	74,717	75,648	31,825	45,075	46,170
Services:					
Power	50,552	42,669	33,600	50,000	50,000
Water Purchases	-	-	-	-	-
Other	<u>2,654,447</u>	<u>3,514,688</u>	<u>3,844,740</u>	<u>4,694,345</u>	<u>3,532,955</u>
Total	2,704,999	3,557,356	3,878,340	4,744,345	3,582,955
Capital Outlay	37,848	-	-	39,205	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>50,000</u>	<u>18,500</u>	<u>75,000</u>
Total	<u>\$ 4,713,368</u>	<u>\$ 5,871,048</u>	<u>\$ 6,212,135</u>	<u>\$ 7,308,055</u>	<u>\$ 6,127,810</u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5311 PUBLIC RELATIONS/INFORMATION SERVICES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 239,631	\$ 296,585	\$ 319,735	\$ 339,670	\$ 420,810
SUPPLIES	6,456	5,390	6,220	5,975	6,220
SERVICES	176,163	189,075	167,930	168,180	172,440
<b>TOTAL</b>	<b>\$ 422,250</b>	<b>\$ 491,049</b>	<b>\$ 493,885</b>	<b>\$ 513,825</b>	<b>\$ 599,470</b>

**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. Charges for services are reimbursed from other systems.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5311 PUBLIC RELATIONS/INFORMATION SERVICES**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 182,068	\$ 225,169	\$ 237,695	\$ 257,690	\$ 328,750
Other	57,563	71,416	82,040	81,980	92,060
Total	<u>239,631</u>	<u>296,585</u>	<u>319,735</u>	<u>339,670</u>	<u>420,810</u>
Supplies:					
Fuel	238	307	2,000	2,000	2,000
Chemicals	-	-	-	-	-
Other	6,218	5,083	4,220	3,975	4,220
Total	<u>6,456</u>	<u>5,390</u>	<u>6,220</u>	<u>5,975</u>	<u>6,220</u>
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	176,163	189,075	167,930	168,180	172,440
Total	<u>176,163</u>	<u>189,075</u>	<u>167,930</u>	<u>168,180</u>	<u>172,440</u>
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u><u>\$ 422,250</u></u>	<u><u>\$ 491,049</u></u>	<u><u>\$ 493,885</u></u>	<u><u>\$ 513,825</u></u>	<u><u>\$ 599,470</u></u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5313 INFORMATION TECHNOLOGY**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 1,330,528	\$ 1,990,363	\$ 2,354,250	\$ 2,389,215	\$ 1,973,845
SUPPLIES	707,640	910,344	986,270	985,675	1,134,145
SERVICES	926,822	596,581	607,880	608,190	679,365
CAPITAL OUTLAY	379,971	475,471	210,000	210,000	430,000
<b>TOTAL</b>	<b>\$ 3,344,960</b>	<b>\$ 3,972,760</b>	<b>\$ 4,158,400</b>	<b>\$ 4,193,080</b>	<b>\$ 4,217,355</b>

**DESCRIPTION**

The Information Technology Function includes two 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), SharePoint and other essential information related services. Charges for services are reimbursed from other systems.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5313 INFORMATION TECHNOLOGY**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 1,045,497	\$ 1,399,396	\$ 1,667,580	\$ 1,672,670	\$ 1,301,325
Other	<u>285,031</u>	<u>590,967</u>	<u>686,670</u>	<u>716,545</u>	<u>672,520</u>
Total	1,330,528	1,990,363	2,354,250	2,389,215	1,973,845
Supplies:					
Fuel	5,952	5,721	8,000	8,000	4,500
Chemicals	-	-	-	-	-
Other	<u>701,688</u>	<u>904,623</u>	<u>978,270</u>	<u>977,675</u>	<u>1,129,645</u>
Total	707,640	910,344	986,270	985,675	1,134,145
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	<u>926,822</u>	<u>596,581</u>	<u>607,880</u>	<u>608,190</u>	<u>679,365</u>
Total	926,822	596,581	607,880	608,190	679,365
Capital Outlay	379,971	475,471	210,000	210,000	430,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 3,344,960</u>	<u>\$ 3,972,760</u>	<u>\$ 4,158,400</u>	<u>\$ 4,193,080</u>	<u>\$ 4,217,355</u>



**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5320 ADMINISTRATION**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 3,278,141	\$ 3,621,011	\$ 4,016,290	\$ 4,165,210	\$ 4,916,860
SUPPLIES	148,393	192,495	182,165	220,240	392,745
SERVICES	536,527	570,530	838,845	799,370	897,615
CAPITAL OUTLAY	178,579	12,000	136,600.00	136,600.00	-
<b>TOTAL</b>	<b>\$ 4,141,640</b>	<b>\$ 4,396,037</b>	<b>\$ 5,173,900</b>	<b>\$ 5,321,420</b>	<b>\$ 6,207,220</b>

**DESCRIPTION**

The Administration Function provides for the finance, accounting, personnel and records activities for the District. Charges for services are reimbursed from other systems.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5320 ADMINISTRATION**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 2,383,248	\$ 2,561,548	\$ 2,846,960	\$ 2,992,425	\$ 3,581,160
Other	<u>894,894</u>	<u>1,059,464</u>	<u>1,169,330</u>	<u>1,172,785</u>	<u>1,335,700</u>
Total	3,278,141	3,621,011	4,016,290	4,165,210	4,916,860
Supplies:					
Fuel	92	439	1,800	1,800	1,800
Chemicals	-	-	-	-	-
Other	<u>148,302</u>	<u>192,056</u>	<u>180,365</u>	<u>218,440</u>	<u>390,945</u>
Total	148,393	192,495	182,165	220,240	392,745
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	<u>536,527</u>	<u>570,530</u>	<u>838,845</u>	<u>799,370</u>	<u>897,615</u>
Total	536,527	570,530	838,845	799,370	897,615
Capital Outlay	178,579	12,000	136,600.00	136,600.00	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 4,141,640</u>	<u>\$ 4,396,037</u>	<u>\$ 5,173,900</u>	<u>\$ 5,321,420</u>	<u>\$ 6,207,220</u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5330 PLANT OPERATIONS**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 6,229,020	\$ 6,824,622	\$ 7,596,080	\$ 7,687,035	\$ 8,561,055
SUPPLIES	20,327,888	20,150,595	25,241,515	28,611,890	28,466,995
SERVICES	12,704,192	15,524,667	15,697,365	15,168,220	15,115,245
CAPITAL OUTLAY	218,728	218,613	306,800	355,070	293,960
SPECIAL PROJECTS	-	1,571.65	45,000	45,000	45,000
<b>TOTAL</b>	<b>\$ 39,479,828</b>	<b>\$ 42,720,068</b>	<b>\$ 48,886,760</b>	<b>\$ 51,867,215</b>	<b>\$ 52,482,255</b>

**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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5330 PLANT OPERATIONS**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 4,060,004	\$ 4,549,971	\$ 5,324,570	\$ 5,296,085	\$ 6,015,045
Other	<u>2,169,016</u>	<u>2,274,651</u>	<u>2,271,510</u>	<u>2,390,950</u>	<u>2,546,010</u>
Total	6,229,020	6,824,622	7,596,080	7,687,035	8,561,055
Supplies:					
Fuel	24,120	24,068	23,390	23,390	23,390
Chemicals	18,735,045	18,327,053	23,389,350	26,651,065	26,458,020
Other	<u>1,568,723</u>	<u>1,799,474</u>	<u>1,828,775</u>	<u>1,937,435</u>	<u>1,985,585</u>
Total	20,327,888	20,150,595	25,241,515	28,611,890	28,466,995
Services:					
Power	1,380,125	1,856,072	2,434,525	1,949,435	1,800,000
Water Purchases	-	-	-	-	-
Other	<u>11,324,067</u>	<u>13,668,595</u>	<u>13,262,840</u>	<u>13,218,785</u>	<u>13,315,245</u>
Total	12,704,192	15,524,667	15,697,365	15,168,220	15,115,245
Capital Outlay	218,728	218,613	306,800	355,070	293,960
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>1,572</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>
Total	<u>\$ 39,479,828</u>	<u>\$ 42,720,068</u>	<u>\$ 48,886,760</u>	<u>\$ 51,867,215</u>	<u>\$ 52,482,255</u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5331 TEXOMA PUMP STATION**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ 31,210	\$ 83,007	\$ 76,300	\$ 76,300	\$ 76,300
SERVICES	836,770	1,150,394	1,443,620	1,029,900	1,521,495
<b>TOTAL</b>	<b>\$ 867,980</b>	<b>\$ 1,233,400</b>	<b>\$ 1,519,920</b>	<b>\$ 1,106,200</b>	<b>\$ 1,597,795</b>

**DESCRIPTION**

The Texoma Pump Station consists of a pump station at Lake Texoma and a 25 mile, 72 inch pipeline from Lake Texoma connecting to a balancing reservoir near Howe, TX. From the balancing reservoir, 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 presence 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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5331 TEXOMA PUMP STATION**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	31,210	83,007	76,300	76,300	76,300
Total	31,210	83,007	76,300	76,300	76,300
Services:					
Power	767,638	986,517	1,327,120	913,400	1,302,995
Water Purchases	-	-	-	-	-
Other	69,131	163,877	116,500	116,500	218,500
Total	836,770	1,150,394	1,443,620	1,029,900	1,521,495
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 867,980</u>	<u>\$ 1,233,400</u>	<u>\$ 1,519,920</u>	<u>\$ 1,106,200</u>	<u>\$ 1,597,795</u>

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**EXPENDITURE SUMMARY**

**5332 CHAPMAN PUMP STATION**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ 39,069	\$ 26,438	\$ 49,175	\$ 54,950	\$ 38,375
SERVICES	416,707	912,222	1,154,950	564,940	1,319,805
ESCROW	-	50,000.00	50,000	50,000	50,000
<b>TOTAL</b>	<b>\$ 455,775</b>	<b>\$ 988,659</b>	<b>\$ 1,254,125</b>	<b>\$ 669,890</b>	<b>\$ 1,408,180</b>

**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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5332 CHAPMAN PUMP STATION**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	39,069	26,438	49,175	54,950	38,375
Total	<u>39,069</u>	<u>26,438</u>	<u>49,175</u>	<u>54,950</u>	<u>38,375</u>
Services:					
Power	383,248	870,598	1,098,090	513,855	1,241,625
Water Purchases	-	-	-	-	-
Other	33,459	41,624	56,860	51,085	78,180
Total	<u>416,707</u>	<u>912,222</u>	<u>1,154,950</u>	<u>564,940</u>	<u>1,319,805</u>
Capital Outlay	-	-	-	-	-
Escrow	-	50,000	50,000	50,000	50,000
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 455,775</u>	<u>\$ 988,659</u>	<u>\$ 1,254,125</u>	<u>\$ 669,890</u>	<u>\$ 1,408,180</u>



**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5333 TAWAKONI RAW WATER PUMP STATION AND WATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 971,104	\$ 951,053	\$ 1,055,740	\$ 1,062,020	\$ 1,094,095
SUPPLIES	1,065,133	1,008,766	1,858,330	1,027,920	1,288,280
SERVICES	4,646,190	4,526,534	8,519,235	4,839,235	8,750,835
<b>TOTAL</b>	<b>\$ 6,682,427</b>	<b>\$ 6,486,353</b>	<b>\$ 11,433,305</b>	<b>\$ 6,929,175</b>	<b>\$ 11,133,210</b>

**DESCRIPTION**

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

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

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5333 TAWAKONI RAW WATER PUMP STATION AND WATER TREATMENT PLANT**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 599,133	\$ 633,245	\$ 692,800	\$ 683,300	\$ 744,510
Other	<u>371,971</u>	<u>317,808</u>	<u>362,940</u>	<u>378,720</u>	<u>349,585</u>
Total	971,104	951,053	1,055,740	1,062,020	1,094,095
Supplies:					
Fuel	4,896	4,946	4,950	4,800	4,950
Chemicals	937,851	862,824	1,748,955	895,085	1,170,275
Other	<u>122,387</u>	<u>140,995</u>	<u>104,425</u>	<u>128,035</u>	<u>113,055</u>
Total	1,065,133	1,008,766	1,858,330	1,027,920	1,288,280
Services:					
Power	2,325,496	2,159,224	3,634,775	2,090,750	4,152,600
Water Purchases	1,879,122	2,135,356	4,438,440	2,463,210	4,177,795
Other	<u>441,572</u>	<u>231,953</u>	<u>446,020</u>	<u>285,275</u>	<u>420,440</u>
Total	4,646,190	4,526,534	8,519,235	4,839,235	8,750,835
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 6,682,427</u>	<u>\$ 6,486,353</u>	<u>\$ 11,433,305</u>	<u>\$ 6,929,175</u>	<u>\$ 11,133,210</u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5334 EAST FORK RAW WATER SUPPLY**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 410,766	\$ 447,634	\$ 474,735	\$ 476,280	\$ 494,590
SUPPLIES	61,895	101,467	149,140	143,650	187,655
SERVICES	2,168,869	3,210,544	3,419,250	3,059,610	7,729,225
CAPITAL OUTLAY	12,886	96,147	120,000	132,560	35,000
<b>TOTAL</b>	<b>\$ 2,654,417</b>	<b>\$ 3,855,792</b>	<b>\$ 4,163,125</b>	<b>\$ 3,812,100</b>	<b>\$ 8,446,470</b>

**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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5334 EAST FORK RAW WATER SUPPLY**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 269,812	\$ 294,355	\$ 313,120	\$ 311,465	\$ 328,375
Other	<u>140,955</u>	<u>153,280</u>	<u>161,615</u>	<u>164,815</u>	<u>166,215</u>
Total	410,766	447,634	474,735	476,280	494,590
Supplies:					
Fuel	10,662	12,062	22,705	19,705	22,000
Chemicals	-	-	-	-	-
Other	<u>51,233</u>	<u>89,406</u>	<u>126,435</u>	<u>123,945</u>	<u>165,655</u>
Total	61,895	101,467	149,140	143,650	187,655
Services:					
Power	826,079	1,630,429	1,394,370	1,204,445	3,028,645
Water Purchases	783,529	1,060,093	1,176,440	1,176,440	3,665,540
Other	<u>559,261</u>	<u>520,022</u>	<u>848,440</u>	<u>678,725</u>	<u>1,035,040</u>
Total	2,168,869	3,210,544	3,419,250	3,059,610	7,729,225
Capital Outlay	12,886	96,147	120,000	132,560	35,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 2,654,417</u>	<u>\$ 3,855,792</u>	<u>\$ 4,163,125</u>	<u>\$ 3,812,100</u>	<u>\$ 8,446,470</u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5335 BONHAM WATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 912,553	\$ 939,389	\$ 959,420	\$ 973,355	\$ 1,033,010
SUPPLIES	269,608	269,145	321,615	352,540	319,365
SERVICES	127,346	453,661	196,980	191,930	191,970
<b>TOTAL</b>	<b>\$ 1,309,508</b>	<b>\$ 1,662,195</b>	<b>\$ 1,478,015</b>	<b>\$ 1,517,825</b>	<b>\$ 1,544,345</b>

**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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5335 BONHAM WATER TREATMENT PLANT**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 587,806	\$ 612,571	\$ 648,310	\$ 647,405	\$ 699,730
Other	<u>324,748</u>	<u>326,818</u>	<u>311,110</u>	<u>325,950</u>	<u>333,280</u>
Total	912,553	939,389	959,420	973,355	1,033,010
Supplies:					
Fuel	2,575	3,330	3,085	3,085	3,085
Chemicals	162,894	168,859	218,180	248,805	207,540
Other	<u>104,139</u>	<u>96,956</u>	<u>100,350</u>	<u>100,650</u>	<u>108,740</u>
Total	269,608	269,145	321,615	352,540	319,365
Services:					
Power	70,496	67,191	84,000	79,135	77,760
Water Purchases	-	-	-	-	-
Other	<u>56,851</u>	<u>386,471</u>	<u>112,980</u>	<u>112,795</u>	<u>114,210</u>
Total	127,346	453,661	196,980	191,930	191,970
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 1,309,508</u>	<u>\$ 1,662,195</u>	<u>\$ 1,478,015</u>	<u>\$ 1,517,825</u>	<u>\$ 1,544,345</u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5340 FACILITIES SERVICES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 4,215,422	\$ 4,654,084	\$ 4,781,775	\$ 4,847,895	\$ 5,193,085
SUPPLIES	811,978	1,341,545	1,020,295	918,950	1,021,240
SERVICES	8,938,937	7,908,741	8,639,775	8,509,530	8,021,120
CAPITAL OUTLAY	1,006,327	685,810	617,800	602,370	81,300
SPECIAL PROJECTS	-	529,102	-	-	-
<b>TOTAL</b>	<b>\$ 14,972,664</b>	<b>\$ 15,119,282</b>	<b>\$ 15,059,645</b>	<b>\$ 14,878,745</b>	<b>\$ 14,316,745</b>

**DESCRIPTION**

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

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5340 FACILITIES SERVICES**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 2,814,136	\$ 3,050,632	\$ 3,237,690	\$ 3,276,165	\$ 3,513,000
Other	<u>1,401,286</u>	<u>1,603,453</u>	<u>1,544,085</u>	<u>1,571,730</u>	<u>1,680,085</u>
Total	4,215,422	4,654,084	4,781,775	4,847,895	5,193,085
Supplies:					
Fuel	96,219	105,491	125,000	115,000	149,045
Chemicals	29,121	29,121	28,800	29,800	26,995
Other	<u>686,638</u>	<u>1,206,932</u>	<u>866,495</u>	<u>774,150</u>	<u>845,200</u>
Total	811,978	1,341,545	1,020,295	918,950	1,021,240
Services:					
Power	7,238,429	6,778,206	6,465,800	6,465,800	5,819,220
Water Purchases	-	-	-	-	-
Other	<u>1,700,508</u>	<u>1,130,535</u>	<u>2,173,975</u>	<u>2,043,730</u>	<u>2,201,900</u>
Total	8,938,937	7,908,741	8,639,775	8,509,530	8,021,120
Capital Outlay	1,006,327	685,810	617,800	602,370	81,300
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>529,102</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 14,972,664</u>	<u>\$ 15,119,282</u>	<u>\$ 15,059,645</u>	<u>\$ 14,878,745</u>	<u>\$ 14,316,745</u>



**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5350 TECHNICAL SERVICES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 7,998,039	\$ 8,621,523	\$ 8,984,565	\$ 8,973,240	\$ 10,141,355
SUPPLIES	531,048	636,020	490,680	633,780	732,395
SERVICES	557,795	382,606	267,930	408,040	404,805
CAPITAL OUTLAY	362,319	401,878	317,300	338,010	290,000
<b>TOTAL</b>	<b>\$ 9,449,201</b>	<b>\$ 10,042,027</b>	<b>\$ 10,060,475</b>	<b>\$ 10,353,070</b>	<b>\$ 11,568,555</b>

**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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5350 TECHNICAL SERVICES**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 5,470,266	\$ 5,818,058	\$ 6,162,195	\$ 6,085,185	\$ 7,098,080
Other	<u>2,527,773</u>	<u>2,803,465</u>	<u>2,822,370</u>	<u>2,888,055</u>	<u>3,043,275</u>
Total	7,998,039	8,621,523	8,984,565	8,973,240	10,141,355
Supplies:					
Fuel	118,308	122,726	154,100	124,100	183,500
Chemicals	-	-	-	-	-
Other	<u>412,740</u>	<u>513,295</u>	<u>336,580</u>	<u>509,680</u>	<u>548,895</u>
Total	531,048	636,020	490,680	633,780	732,395
Services:					
Power	-	-	-	6,000	5,000
Water Purchases	-	-	-	-	-
Other	<u>557,795</u>	<u>382,606</u>	<u>267,930</u>	<u>402,040</u>	<u>399,805</u>
Total	557,795	382,606	267,930	408,040	404,805
Capital Outlay	362,319	401,878	317,300	338,010	290,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 9,449,201</u>	<u>\$ 10,042,027</u>	<u>\$ 10,060,475</u>	<u>\$ 10,353,070</u>	<u>\$ 11,568,555</u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5360 LABORATORY SERVICES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 2,236,525	\$ 2,302,697	\$ 2,424,555	\$ 2,453,625	\$ 2,657,205
SUPPLIES	496,064	506,683	534,365	496,115	566,730
SERVICES	258,969	215,662	223,675	335,255	228,805
CAPITAL OUTLAY	167,407	648,846	348,000	274,930	246,000
<b>TOTAL</b>	<b>\$ 3,158,965</b>	<b>\$ 3,673,889</b>	<b>\$ 3,530,595</b>	<b>\$ 3,559,925</b>	<b>\$ 3,698,740</b>

**DESCRIPTION**

The NTMWD Environmental Laboratory maintains TNI Accreditation through the Texas Commission of Environmental Quality. TNI Accreditation is required for most analyses performed in accordance with regulatory permit compliance under the Safe Drinking and Clean Water Acts. The Laboratory provides essential analytical services for potable and non-potable water parameters in support of Water, Wastewater, Solid Waste, Pretreatment Programs, as well as for our Member and Customer Cities. Additionally, the Laboratory validates treatment plant operations with daily process control analyses. Charges for services are reimbursed from other systems.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5360 LABORATORY SERVICES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
Personnel:					
Salaries & Wages	\$ 1,525,259	\$ 1,565,675	\$ 1,699,565	\$ 1,711,560	\$ 1,891,295
Other	711,266	737,022	724,990	742,065	765,910
Total	<u>2,236,525</u>	<u>2,302,697</u>	<u>2,424,555</u>	<u>2,453,625</u>	<u>2,657,205</u>
Supplies:					
Fuel	328	500	1,000	1,000	1,000
Chemicals	-	-	-	-	-
Other	495,736	506,184	533,365	495,115	565,730
Total	<u>496,064</u>	<u>506,683</u>	<u>534,365</u>	<u>496,115</u>	<u>566,730</u>
Services:					
Power	73,810	70,527	58,800	58,800	58,800
Water Purchases	-	-	-	-	-
Other	185,158	145,135	164,875	276,455	170,005
Total	<u>258,969</u>	<u>215,662</u>	<u>223,675</u>	<u>335,255</u>	<u>228,805</u>
Capital Outlay	167,407	648,846	348,000	274,930	246,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 3,158,965</u>	<u>\$ 3,673,889</u>	<u>\$ 3,530,595</u>	<u>\$ 3,559,925</u>	<u>\$ 3,698,740</u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5370 ENGINEERING SERVICES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 7,509,491	\$ 7,998,515	\$ 9,178,005	\$ 8,995,290	\$ 10,152,735
SUPPLIES	568,744	600,457	544,925	533,075	612,130
SERVICES	521,746	321,468	372,770	366,020	402,070
CAPITAL OUTLAY	313,685	180,359	96,000	96,000	131,200
<b>TOTAL</b>	<b>\$ 8,913,666</b>	<b>\$ 9,100,798</b>	<b>\$ 10,191,700</b>	<b>\$ 9,990,385</b>	<b>\$ 11,298,135</b>

**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. Charges for services are reimbursed from other systems.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5370 ENGINEERING SERVICES**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 5,114,025	\$ 5,645,742	\$ 6,700,780	\$ 6,465,660	\$ 7,371,300
Other	<u>2,395,466</u>	<u>2,352,772</u>	<u>2,477,225</u>	<u>2,529,630</u>	<u>2,781,435</u>
Total	7,509,491	7,998,515	9,178,005	8,995,290	10,152,735
Supplies:					
Fuel	69,298	73,550	80,000	80,000	90,000
Chemicals	-	-	-	-	-
Other	<u>499,446</u>	<u>526,906</u>	<u>464,925</u>	<u>453,075</u>	<u>522,130</u>
Total	568,744	600,457	544,925	533,075	612,130
Services:					
Power	1,077	1,044	10,080	10,080	12,000
Water Purchases	-	-	-	-	-
Other	<u>520,670</u>	<u>320,424</u>	<u>362,690</u>	<u>355,940</u>	<u>390,070</u>
Total	521,746	321,468	372,770	366,020	402,070
Capital Outlay	313,685	180,359	96,000	96,000	131,200
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 8,913,666</u>	<u>\$ 9,100,798</u>	<u>\$ 10,191,700</u>	<u>\$ 9,990,385</u>	<u>\$ 11,298,135</u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5380 ENVIRONMENTAL SERVICES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 923,374	\$ 944,849	\$ 1,088,940	\$ 981,710	\$ 1,176,325
SUPPLIES	101,427	98,924	101,370	101,370	92,400
SERVICES	52,901	121,646	29,635	29,375	32,210
CAPITAL OUTLAY	92,481	49,712	120,000	120,000	20,000
<b>TOTAL</b>	<b>\$ 1,170,183</b>	<b>\$ 1,215,131</b>	<b>\$ 1,339,945</b>	<b>\$ 1,232,455</b>	<b>\$ 1,320,935</b>

**DESCRIPTION**

The Environmental Services Function performs investigations and monitoring for the Water, Wastewater and Solid Waste Systems to improve operations, 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. Charges for services are reimbursed from other systems.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5380 ENVIRONMENTAL SERVICES**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 652,266	\$ 668,861	\$ 751,930	\$ 653,970	\$ 854,860
Other	<u>271,108</u>	<u>275,989</u>	<u>337,010</u>	<u>327,740</u>	<u>321,465</u>
Total	923,374	944,849	1,088,940	981,710	1,176,325
Supplies:					
Fuel	8,678	6,395	10,310	10,310	10,000
Chemicals	-	-	-	-	-
Other	<u>92,749</u>	<u>92,529</u>	<u>91,060</u>	<u>91,060</u>	<u>82,400</u>
Total	101,427	98,924	101,370	101,370	92,400
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	<u>52,901</u>	<u>121,646</u>	<u>29,635</u>	<u>29,375</u>	<u>32,210</u>
Total	52,901	121,646	29,635	29,375	32,210
Capital Outlay	92,481	49,712	120,000	120,000	20,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 1,170,183</u>	<u>\$ 1,215,131</u>	<u>\$ 1,339,945</u>	<u>\$ 1,232,455</u>	<u>\$ 1,320,935</u>



**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5381 PERMITTING**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 442,785	\$ 470,407	\$ 528,510	\$ 530,960	\$ 309,475
SUPPLIES	6,629	15,894	11,610	11,610	11,075
SERVICES	279,632	182,285	493,640	214,155	318,595
<b>TOTAL</b>	<b>\$ 729,047</b>	<b>\$ 668,586</b>	<b>\$ 1,033,760</b>	<b>\$ 756,725</b>	<b>\$ 639,145</b>

**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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5381 PERMITTING**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 363,155	\$ 336,287	\$ 357,480	\$ 360,520	\$ 205,745
Other	<u>79,630</u>	<u>134,119</u>	<u>171,030</u>	<u>170,440</u>	<u>103,730</u>
Total	442,785	470,407	528,510	530,960	309,475
Supplies:					
Fuel	758	830	3,000	3,000	3,000
Chemicals	-	-	-	-	-
Other	<u>5,872</u>	<u>15,064</u>	<u>8,610</u>	<u>8,610</u>	<u>8,075</u>
Total	6,629	15,894	11,610	11,610	11,075
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	<u>279,632</u>	<u>182,285</u>	<u>493,640</u>	<u>214,155</u>	<u>318,595</u>
Total	279,632	182,285	493,640	214,155	318,595
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 729,047</u>	<u>\$ 668,586</u>	<u>\$ 1,033,760</u>	<u>\$ 756,725</u>	<u>\$ 639,145</u>

**2018-2019 ANNUAL BUDGET****REGIONAL WATER SYSTEM****EXPENDITURE SUMMARY****5382 REGULATORY COMPLIANCE**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 254,694	\$ 305,505	\$ 329,665	\$ 331,230	\$ 341,510
SUPPLIES	21,601	34,637	14,290	14,725	13,875
SERVICES	163,754	233,225	57,850	57,985	54,130
CAPITAL OUTLAY	-	19,880	-	-	-
<b>TOTAL</b>	<b>\$ 440,048</b>	<b>\$ 593,246</b>	<b>\$ 401,805</b>	<b>\$ 403,940</b>	<b>\$ 409,515</b>

**DESCRIPTION**

The Regulatory Compliance function includes the management of environmental and regulatory programs. Primary responsibilities include evaluation of NTMWD facilities, responding to and reporting of spills and discharges, and development of environmental programs and 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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5382 REGULATORY COMPLIANCE**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 206,871	\$ 209,184	\$ 231,655	\$ 223,460	\$ 234,940
Other	<u>47,823</u>	<u>96,320</u>	<u>98,010</u>	<u>107,770</u>	<u>106,570</u>
Total	254,694	305,505	329,665	331,230	341,510
Supplies:					
Fuel	1,965	2,358	4,800	4,800	3,800
Chemicals	-	-	-	-	-
Other	<u>19,636</u>	<u>32,278</u>	<u>9,490</u>	<u>9,925</u>	<u>10,075</u>
Total	21,601	34,637	14,290	14,725	13,875
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	<u>163,754</u>	<u>233,225</u>	<u>57,850</u>	<u>57,985</u>	<u>54,130</u>
Total	163,754	233,225	57,850	57,985	54,130
Capital Outlay	-	19,880	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 440,048</u>	<u>\$ 593,246</u>	<u>\$ 401,805</u>	<u>\$ 403,940</u>	<u>\$ 409,515</u>

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**EXPENDITURE SUMMARY**

**5390 SAFETY**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ -	\$ -	\$ 479,190.00	\$ 567,975.00	\$ 607,690
SUPPLIES	-	-	64,970	176,360	121,800
SERVICES	-	-	437,465	326,225	380,060
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 981,625.00</b>	<b>\$ 1,070,560.00</b>	<b>\$ 1,109,550</b>

**DESCRIPTION**

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

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5390 SAFETY**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ 342,800	\$ 403,300	\$ 423,780
Other	-	-	136,390	164,675	183,910
Total	-	-	479,190	567,975	607,690
Supplies:					
Fuel	-	-	4,550	4,550	4,550
Chemicals	-	-	-	-	-
Other	-	-	60,420	171,810	117,250
Total	-	-	64,970	176,360	121,800
Services:					
Power	-	-	-	-	-
Water Purchases	-	-	-	-	-
Other	-	-	437,465	326,225	380,060
Total	-	-	437,465	326,225	380,060
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 981,625</u>	<u>\$ 1,070,560</u>	<u>\$ 1,109,550</u>

2018-2019 ANNUAL BUDGET

REGIONAL WATER SYSTEM

EXPENDITURE SUMMARY

5999 DEBT SERVICE

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
CAPITAL IMPROVEMENT FUND	\$ 76,902,555	\$ 67,255,000	\$ 68,185,000	\$ 77,325,000	\$ 48,600,000
DEBT SERVICE	<u>85,053,349</u>	<u>111,769,284</u>	<u>136,128,740</u>	<u>123,625,410</u>	<u>173,843,115</u>
<b>TOTAL</b>	<b><u>\$ 161,955,904</u></b>	<b><u>\$ 179,024,284</u></b>	<b><u>\$ 204,313,740</u></b>	<b><u>\$ 200,950,410</u></b>	<b><u>\$ 222,443,115</u></b>

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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WATER SYSTEM**

**DETAIL LISTING**

**5999 DEBT SERVICE**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
Capital Improvement Fund	\$ 76,902,555	\$ 67,255,000	\$ 68,185,000	\$ 77,325,000	\$ 48,600,000
Debt Service					
Bonds:					
Current (P&I)	\$ 98,409,448	\$ 111,663,365	\$ 111,761,892	\$ 113,276,746	\$ 155,845,011
New (P&I)	-	-	26,937,592	13,220,314	20,335,660
Total	98,409,448	111,663,365	138,699,484	126,497,060	176,180,671
Other:					
BAB's Subsidy	(4,005,982)	(3,964,718)	(4,212,900)	(3,964,718)	(4,163,791)
Interest	(96,805)	(145,412)	(2,645,412)	(2,300,000)	(2,700,000)
Fund Balance Change	(5,212,902)	1,679,765	1,748,828	857,658	1,983,120
Transfers from Construction	(6,576,315)	-	-	-	-
Total	(15,892,004)	(2,430,365)	(5,109,484)	(5,407,060)	(4,880,671)
Transfer to I&S Fund	82,517,445	109,233,000	133,590,000	121,090,000	171,300,000
Bond Service Fees	24,830	25,210	27,665	24,335	32,040
Notes:					
Chapman - City of Cooper	52,474	52,474	52,475	52,475	52,475
Chapman - Corps	864,280	864,280	864,280	864,280	864,280
Lavon	1,594,320	1,594,320	1,594,320	1,594,320	1,594,320
Total	2,511,074	2,511,074	2,511,075	2,511,075	2,511,075
Total Debt Service	<u>\$ 85,053,349</u>	<u>\$ 111,769,284</u>	<u>\$ 136,128,740</u>	<u>\$ 123,625,410</u>	<u>\$ 173,843,115</u>
Total Debt and Capital Improvement	<u>\$ 161,955,904</u>	<u>\$ 179,024,284</u>	<u>\$ 204,313,740</u>	<u>\$ 200,950,410</u>	<u>\$ 222,443,115</u>



**2018 - 2019 ANNUAL BUDGET**

**SEWER SYSTEM**

## 2018 - 2019 ANNUAL BUDGET

### SEWER SYSTEM

#### TABLE OF CONTENTS

<b>FUNCTION</b>		<b>PAGE</b>
	Budget Review	52
	Expenditure Comparison by Function and by Character	54
	Budget Summary	55
201	Little Elm Water Transmission Facilities Summary	56
202	Plano Water Transmission Facilities Summary	58
204	Kaufman Four-One Water Distribution Facilities Summary	60
206	Rockwall - Heath Water Storage Facilities Summary	63
207	Terrell Water Transmission Facilities Summary	66
208	Rockwall Water Pump Station Facilities Summary	68
302	Murphy WWTP / Interceptor Summary	70
304	Wylie WWTP Summary	72
305	South Rockwall (Buffalo Creek) WWTP Summary	74
306	North Rockwall (Squabble Creek) WWTP Summary	76
307	Panther Creek WWTP Summary	78
308	Sabine Creek WWTP Summary	80
309	Stewart Creek WWTP Summary	83
310	Muddy Creek WWTP Summary	85
311	Seis Lagos WWTP Summary	88
312	Royse City WWTP Summary	90
313	Farmersville WWTP Summary	92
315	Frisco Cottonwood Creek WWTP Summary	94
317	Lavon WWTP Summary	96
869	Forney Interceptor Summary	98
503	Lower East Fork Interceptor Summary	100
504	Muddy Creek Interceptor Summary	103
505	Parker Creek Interceptor Summary	106
506	Sabine Creek Interceptor Summary	109
507	Buffalo Creek Interceptor Summary	111
508	McKinney Interceptor Summary	114
509	Mustang Creek Interceptor Summary	116
510	Parker Creek Parallel Interceptor Summary	118
601	Small Wastewater Treatment Plants	120
604	Wastewater Pretreatment Program Summary	122

## **2018-2019 ANNUAL BUDGET**

### **SEWER SYSTEM**

#### **BUDGET REVIEW**

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, Rockwall-Heath Water Storage Facilities, Rockwall Water Pump Station Facilities, Wastewater Pretreatment Program, Kaufman Four-One Program and Parker Creek Parallel Interceptor.

#### **New Facilities / Operational Changes**

The District plans to issue \$57.3 million of revenue bonds for the Forney Mustang Creek Interceptor System for the construction of the Forney Mustang Creek Lift Station, Buffalo Creek Interceptor System for the construction of Buffalo Creek Parallel Interceptor, and Muddy Creek Wastewater Treatment for plant aeration basin, odor control and backup power improvements. The 2018-19 Budget provides funding for the debt service requirements for the bond issues.

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

The District operated the Cottonwood Creek Wastewater Treatment Plant for the City of Frisco. The plant was decommissioned in August 2018 by the City of Frisco. The District transferred operations of the Murphy Wastewater Treatment Plant / Interceptor to the City of Murphy in October 2017.

#### **Charges for Service**

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

#### **Wastewater Treatment Plant Unit Cost**

In order to properly evaluate the efficiency and unit cost of wastewater treatment plants, many factors must be considered. These factors include plant capacity, utilization, amount of rainfall and the effects

of inflow and infiltration, type and level of treatment required by permit, construction cost (debt service), power cost and chemical requirements.

The schedule presented below provides the estimated unit cost for several wastewater treatment plants included in the Sewer System based on the 2017-18 Amended Budget.

#### 2017-18 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	*	130,332	\$ 347,960	\$ -	\$ 347,960	\$ 2.67	\$ 2.67
Frisco/Cottonwood Crk		50,322	137,110	-	137,110	2.72	2.72
Lavon		63,032	278,845	-	278,845	4.42	4.42
Muddy Creek		2,526,508	4,132,815	2,144,460	6,277,275	1.64	2.48
North Rockwall		220,000	462,425	-	462,425	2.10	2.10
Panther Creek		1,855,806	5,054,245	3,894,520	8,948,765	2.72	4.82
South Rockwall		428,306	1,167,515	249,010	1,416,525	2.73	3.31
Sabine Creek		589,232	976,700	1,429,790	2,406,490	1.66	4.08
Seis Lagos		51,742	195,265	-	195,265	3.77	3.77
Stewart Creek		1,470,898	3,513,345	5,037,785	8,551,130	2.39	5.81

\* Includes two plants.

The O&M unit cost varies from a high of \$4.42 per 1,000 gallons at Lavon Wastewater Treatment Plant to a low of \$1.64 per 1,000 gallons at the Muddy Creek Wastewater Treatment Plant. The differences in unit cost are due to the various factors mentioned above.

#### **Budget Review**

The 2017-18 Amended Budget is \$656,510 or 1.7% less than the 2017-18 Original Budget mainly due to the South Rockwall Plant II Rehab Project being postponed.

Expenditures in the amount of \$42,104,675 are requested for the 2018-19 Budget, which is \$3,836,030 or 10% more than the 2017-18 Original Budget. This increase is primarily the result of an increase of \$969,750 for a funding debt service at the Mustang Creek Interceptor to construct Forney Mustang Creek Lift Station and Gravity Interceptor, an increase of \$929,220 for funding debt service at the Buffalo Creek Interceptor to construct Buffalo Creek Force Main Parallel Interceptor and Lift Station Expansion, an increase of \$410,010 for funding debt service at the Muddy Creek Wastewater Treatment Plant for aeration basin, odor control and backup power improvements, an increase in personnel of \$488,160, an increase to Preventive Maintenance Escrow of \$679,610, and an increase in other services for electrical system maintenance, manhole improvements and other pipeline repairs of \$783,300.

**2018-2019 ANNUAL BUDGET**  
**REGIONAL SEWER SYSTEM**  
**EXPENDITURE COMPARISON**  
**BY FUNCTION AND BY CHARACTER**

<b>BY FUNCTION</b>	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Water Facilities:</u></b>					
Little Elm Wtr Transmission Facilities	\$ 378,976	\$ 386,943	\$ 393,705	\$ 393,230	\$ 391,170
Plano Wtr Transmission Facilities	745,336	243,726	8,975	8,965	4,000
Kaufman 4-1 Water Distribution Facilities	50,414	44,313	56,245	63,245	68,170
Rockwall-Heath Water Storage Facilities	227,935	229,107	226,375	226,370	223,900
Terrell Water Transmission Facilities	712,493	727,430	728,025	728,020	709,395
Rockwall Water Pump Station Facilities	170,495	169,351	169,030	169,025	166,310
Total	2,285,649	1,800,870	1,582,355	1,588,855	1,562,945
<b><u>Sewer Facilities:</u></b>					
Murphy WWTP / Interceptor	91,553	54,083	-	-	-
Wylie WWTP	36,188	41,122	42,540	41,925	43,575
South Rockwall WWTP	1,286,007	1,566,273	1,713,810	1,416,525	1,799,250
North Rockwall WWTP	502,195	511,273	462,820	462,425	510,020
Panther Creek WWTP	8,225,112	8,973,368	9,098,500	8,948,765	8,814,600
Sabine Creek WWTP	1,644,951	2,107,633	2,406,800	2,406,490	2,535,235
Stewart Creek WWTP	7,955,325	7,610,234	8,783,410	8,551,130	9,336,670
Muddy Creek WWTP	5,859,194	5,707,628	6,325,565	6,277,275	6,945,690
Seis Lagos WWTP	164,753	162,789	195,395	195,265	200,610
Royse City WWTP	18,721	15,904	17,935	17,630	18,225
Farmersville WWTP	284,902	317,535	348,255	347,960	374,355
Frisco Cottonwood Creek WWTP	129,217	127,834	137,110	137,110	-
Lavon WWTP	165,619	223,137	279,695	278,845	291,480
Total	26,363,737	27,418,814	29,811,835	29,081,345	30,869,710
<b><u>Interceptor Facilities:</u></b>					
Forney Interceptor	188,691	286,660	383,420	387,755	477,605
Lower East Fork Interceptor	1,571,963	1,679,465	1,857,465	1,869,600	1,843,540
Muddy Creek Interceptor	280,604	310,129	356,760	373,185	495,700
Parker Creek Interceptor	256,967	269,181	277,960	292,975	478,910
Sabine Creek Interceptor	183,548	184,791	188,375	188,370	322,250
Buffalo Creek Interceptor	1,670,532	1,884,820	2,044,100	2,043,205	3,019,965
McKinney Interceptor	775	6,681	7,290	7,290	204,375
Mustang Creek Interceptor	579,191	606,660	619,550	622,820	1,680,585
Parker Creek Parallel Interceptor	77,000	176,974	190,475	190,770	124,040
Total	4,809,270	5,405,361	5,925,395	5,975,970	8,646,970
<b><u>Other:</u></b>					
Wastewater Pretreatment Program	775,415	882,725	949,060	965,965	1,025,050
Total	775,415	882,725	949,060	965,965	1,025,050
Total	\$ 34,234,071	\$ 35,507,770	\$ 38,268,645	\$ 37,612,135	\$ 42,104,675
<b>BY CHARACTER</b>					
PERSONNEL	\$ 4,250,474	\$ 4,858,987	\$ 5,751,475	\$ 5,581,950	\$ 6,239,635
SUPPLIES	3,175,418	3,125,701	3,594,560	3,656,935	4,076,515
SERVICES	6,518,827	8,244,831	8,891,730	8,408,640	9,535,060
CAPITAL OUTLAY	840,029	592,868	935,920	1,058,555	691,490
ESCROW	41,500	138,720	484,760	484,760	1,204,440
CAPITAL IMPROVEMENT FUND	135,275	75,000	-	513,000	-
DEBT SERVICE	19,272,548	18,471,663	18,580,200	17,898,295	20,332,535
SPECIAL PROJECTS	-	-	30,000	10,000	25,000
TOTAL	\$ 34,234,071	\$ 35,507,770	\$ 38,268,645	\$ 37,612,135	\$ 42,104,675

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**BUDGET SUMMARY**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Water Facilities	\$ 2,285,087	\$ 1,799,421	\$ 1,580,845	\$ 1,577,000	\$ 1,561,060
Sewer Facilities	25,848,979	26,780,860	29,430,690	28,654,180	30,446,990
Interceptor Facilities	4,805,819	5,397,439	5,921,660	5,911,145	8,633,220
Total	32,939,886	33,977,721	36,933,195	36,142,325	40,641,270
Other Charges:					
Pretreatment	755,648	869,535	947,715	963,475	1,022,435
Debt Acquisition	344,830	344,830	344,830	344,830	344,830
Other	176,628	281,262	20,230	89,380	20,840
Total	1,277,106	1,495,627	1,312,775	1,397,685	1,388,105
Interest Income	17,079	34,423	22,675	72,125	75,300
Total	<u>\$ 34,234,071</u>	<u>\$ 35,507,770</u>	<u>\$ 38,268,645</u>	<u>\$ 37,612,135</u>	<u>\$ 42,104,675</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	2,940,371	3,359,507	3,996,490	3,816,410	4,310,380
Other	1,310,104	1,499,480	1,754,985	1,765,540	1,929,255
Total	4,250,474	4,858,987	5,751,475	5,581,950	6,239,635
Supplies:					
Fuel	53,172	42,195	68,080	64,010	56,290
Chemicals	1,612,916	1,788,829	2,114,510	2,098,510	2,401,245
Other	1,509,329	1,294,677	1,411,970	1,494,415	1,618,980
Total	3,175,418	3,125,701	3,594,560	3,656,935	4,076,515
Services:					
Power	1,640,507	1,509,637	1,848,450	1,863,780	1,706,480
Other	4,878,320	6,735,194	7,043,280	6,544,860	7,828,580
Total	6,518,827	8,244,831	8,891,730	8,408,640	9,535,060
Capital Outlay	840,029	592,868	935,920	1,058,555	691,490
Escrow:					
Reserve for Maintenance	41,500	14,010	4,880	4,880	44,950
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	124,710	479,880	479,880	1,159,490
Total	41,500	138,720	484,760	484,760	1,204,440
Capital Improvement Fund	135,275	75,000	-	513,000	-
Debt Service	19,272,548	18,471,663	18,580,200	17,898,295	20,332,535
Special Projects	-	-	30,000	10,000	25,000
Total	<u>\$ 34,234,071</u>	<u>\$ 35,507,770</u>	<u>\$ 38,268,645</u>	<u>\$ 37,612,135</u>	<u>\$ 42,104,675</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**EXPENDITURE SUMMARY**

**201 LITTLE ELM WATER TRANSMISSION FACILITIES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ -	\$ -	\$ 1,000	\$ 1,000	\$ 1,000
SERVICES	716	483	2,475	2,470	2,440
ESCROW	-	-	-	-	5,000
DEBT SERVICE	378,260	386,460	390,230	389,760	382,730
<b>TOTAL</b>	<b>\$ 378,976</b>	<b>\$ 386,943</b>	<b>\$ 393,705</b>	<b>\$ 393,230</b>	<b>\$ 391,170</b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**201 LITTLE ELM WATER TRANSMISSION FACILITIES**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Water Facilities	\$ 378,913	\$ 386,734	\$ 393,560	\$ 392,735	\$ 390,650
Total	378,913	386,734	393,560	392,735	390,650
Interest Income	62	208	145	495	520
 Total	<b><u>\$ 378,976</u></b>	<b><u>\$ 386,943</u></b>	<b><u>\$ 393,705</u></b>	<b><u>\$ 393,230</u></b>	<b><u>\$ 391,170</u></b>
 <b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	1,000	1,000	1,000
Total	-	-	1,000	1,000	1,000
Contractual Services:					
Power	-	-	-	-	-
Other	716	483	2,475	2,470	2,440
Total	716	483	2,475	2,470	2,440
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	5,000
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	5,000
Capital Improvement Fund	-	-	-	-	-
Debt Service	378,260	386,460	390,230	389,760	382,730
Special Projects	-	-	-	-	-
 Total	<b><u>\$ 378,976</u></b>	<b><u>\$ 386,943</u></b>	<b><u>\$ 393,705</u></b>	<b><u>\$ 393,230</u></b>	<b><u>\$ 391,170</u></b>
 Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>



**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**EXPENDITURE SUMMARY**

**202 PLANO WATER TRANSMISSION FACILITIES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ -	\$ -	\$ 1,000	\$ 1,000	\$ 1,000
SERVICES	1	486	3,465	2,615	3,000
DEBT SERVICE	745,335	243,240	4,510	5,350	-
<b>TOTAL</b>	<b>\$ 745,336</b>	<b>\$ 243,726</b>	<b>\$ 8,975</b>	<b>\$ 8,965</b>	<b>\$ 4,000</b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**202 PLANO WATER TRANSMISSION FACILITIES**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Water Facilities	\$ 745,234	\$ 243,576	\$ 8,870	\$ 5,895	\$ 4,000
Total	745,234	243,576	8,870	5,895	4,000
Other Charges:					
Reserve for Maintenance	-	-	-	3,000	-
Other	-	-	-	-	-
Total	-	-	-	3,000	-
Interest Income	102	150	105	70	-
Total	<u>\$ 745,336</u>	<u>\$ 243,726</u>	<u>\$ 8,975</u>	<u>\$ 8,965</u>	<u>\$ 4,000</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	1,000	1,000	1,000
Total	-	-	1,000	1,000	1,000
Services:					
Power	-	-	-	-	-
Other	1	486	3,465	2,615	3,000
Total	1	486	3,465	2,615	3,000
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	745,335	243,240	4,510	5,350	-
Special Projects	-	-	-	-	-
Total	<u>\$ 745,336</u>	<u>\$ 243,726</u>	<u>\$ 8,975</u>	<u>\$ 8,965</u>	<u>\$ 4,000</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**EXPENDITURE SUMMARY**

**204 KAUFMAN FOUR-ONE WATER DISTRIBUTION FACILITIES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ 8,257	\$ 455	\$ 8,100	\$ 4,535	\$ 8,550
SERVICES	42,157	43,858	48,145	58,710	54,620
ESCROW	-	-	-	-	5,000
<b>TOTAL</b>	<b>\$ 50,414</b>	<b>\$ 44,313</b>	<b>\$ 56,245</b>	<b>\$ 63,245</b>	<b>\$ 68,170</b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**204 KAUFMAN FOUR-ONE WATER DISTRIBUTION FACILITIES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
422001-4003 - College Mound	\$ 7,076	\$ 5,795	\$ 7,366	\$ 10,670	\$ 12,934
422001-4004 - Crandall	19,236	15,754	20,024	16,626	20,153
422001-4010 - Gastonia Scurry	19,640	19,022	24,178	25,052	30,366
422001-4022 - Rose Hill	4,445	3,640	4,627	3,842	4,657
Total	<u>\$ 50,397</u>	<u>\$ 44,210</u>	<u>\$ 56,195</u>	<u>\$ 56,190</u>	<u>\$ 68,110</u>
	-	-	-	-	-
Annual Flow (1,000):					
College Mound	74,240	69,313	69,313	120,927	105,524
Crandall	201,823	188,429	188,429	188,429	164,427
Gastonia Scurry	206,104	227,520	227,520	283,916	247,751
Rose Hill	46,634	43,539	43,539	43,539	37,993
Total	<u>528,801</u>	<u>528,801</u>	<u>528,801</u>	<u>636,811</u>	<u>555,695</u>

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**204 KAUFMAN FOUR-ONE WATER DISTRIBUTION FACILITIES**

	<u>2015-16 ACTUAL</u>	<u>2016-17 ACTUAL</u>	<u>2017-18 BUDGET</u>	<u>2017-18 AMENDED</u>	<u>2018-19 PROPOSED</u>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Water Facilities	\$ 50,397	\$ 44,210	\$ 56,195	\$ 56,190	\$ 68,110
Total	50,397	44,210	56,195	56,190	68,110
Other Charges:					
Reserve for Maintenance	-	-	-	7,000	-
Other	5	-	-	-	-
Total	5	-	-	7,000	-
Interest Income	12	102	50	55	60
Total	<u>\$ 50,414</u>	<u>\$ 44,313</u>	<u>\$ 56,245</u>	<u>\$ 63,245</u>	<u>\$ 68,170</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	8,257	455	8,100	4,535	8,550
Total	8,257	455	8,100	4,535	8,550
Services:					
Power	28,501	30,353	35,000	35,000	35,000
Other	13,656	13,505	13,145	23,710	19,620
Total	42,157	43,858	48,145	58,710	54,620
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	5,000
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	5,000
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 50,414</u>	<u>\$ 44,313</u>	<u>\$ 56,245</u>	<u>\$ 63,245</u>	<u>\$ 68,170</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2018-2019 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

206 ROCKWALL-HEATH WATER STORAGE FACILITIES

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SERVICES	\$ 345	\$ 497	\$ 465	\$ 460	\$ 390
DEBT SERVICE	227,590	228,610	225,910	225,910	223,510
<b>TOTAL</b>	<b>\$ 227,935</b>	<b>\$ 229,107</b>	<b>\$ 226,375</b>	<b>\$ 226,370</b>	<b>\$ 223,900</b>

**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.

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****DETAIL LISTING****206 ROCKWALL-HEATH WATER STORAGE FACILITIES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
422001-4011 - Heath	\$ 75,957	\$ 76,324	\$ 75,422	\$ 75,366	\$ 74,538
422001-4021 - Rockwall	151,938	152,671	150,868	150,754	149,097
Total	<u>\$ 227,895</u>	<u>\$ 228,995</u>	<u>\$ 226,290</u>	<u>\$ 226,120</u>	<u>\$ 223,635</u>
	-	-	-	-	-
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	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**206 ROCKWALL-HEATH WATER STORAGE FACILITIES**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Water Facilities	\$ 227,895	\$ 228,995	\$ 226,290	\$ 226,120	\$ 223,635
Total	227,895	228,995	226,290	226,120	223,635
Interest Income	40	112	85	250	265
 Total	<u>\$ 227,935</u>	<u>\$ 229,107</u>	<u>\$ 226,375</u>	<u>\$ 226,370</u>	<u>\$ 223,900</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Services:					
Power	-	-	-	-	-
Other	345	497	465	460	390
Total	345	497	465	460	390
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	227,590	228,610	225,910	225,910	223,510
Special Projects	-	-	-	-	-
 Total	<u>\$ 227,935</u>	<u>\$ 229,107</u>	<u>\$ 226,375</u>	<u>\$ 226,370</u>	<u>\$ 223,900</u>
 Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>



**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****207 TERRELL WATER TRANSMISSION FACILITIES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SERVICES	\$ 348	\$ 7,920	\$ 6,515	\$ 6,510	\$ 4,685
DEBT SERVICE	<u>712,145</u>	<u>719,510</u>	<u>721,510</u>	<u>721,510</u>	<u>704,710</u>
<b>TOTAL</b>	<b><u>\$ 712,493</u></b>	<b><u>\$ 727,430</u></b>	<b><u>\$ 728,025</u></b>	<b><u>\$ 728,020</u></b>	<b><u>\$ 709,395</u></b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**207 TERRELL WATER TRANSMISSION FACILITIES**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Water Facilities	\$ 712,180	\$ 726,634	\$ 726,965	\$ 727,215	\$ 708,545
Total	712,180	726,634	726,965	727,215	708,545
Interest Income	313	796	1,060	805	850
 Total	<b><u>\$ 712,493</u></b>	<b><u>\$ 727,430</u></b>	<b><u>\$ 728,025</u></b>	<b><u>\$ 728,020</u></b>	<b><u>\$ 709,395</u></b>
 <b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
 Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
 Services:					
Power	-	-	-	-	-
Other	348	7,920	6,515	6,510	4,685
Total	348	7,920	6,515	6,510	4,685
 Capital Outlay	-	-	-	-	-
 Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	-
 Capital Improvement Fund	-	-	-	-	-
 Debt Service	712,145	719,510	721,510	721,510	704,710
 Special Projects	-	-	-	-	-
 Total	<b><u>\$ 712,493</u></b>	<b><u>\$ 727,430</u></b>	<b><u>\$ 728,025</u></b>	<b><u>\$ 728,020</u></b>	<b><u>\$ 709,395</u></b>
 Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

2018-2019 ANNUAL BUDGET

SEWER SYSTEM

EXPENDITURE SUMMARY

208 ROCKWALL WATER PUMP STATION FACILITIES

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SERVICES	\$ 325	\$ 466	\$ 480	\$ 475	\$ 400
DEBT SERVICE	170,170	168,885	168,550	168,550	165,910
<b>TOTAL</b>	<b>\$ 170,495</b>	<b>\$ 169,351</b>	<b>\$ 169,030</b>	<b>\$ 169,025</b>	<b>\$ 166,310</b>

**DESCRIPTION**

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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**208 ROCKWALL WATER PUMP STATION FACILITIES**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Water Facilities	\$ 170,467	\$ 169,271	\$ 168,965	\$ 168,845	\$ 166,120
Total	170,467	169,271	168,965	168,845	166,120
Interest Income	28	80	65	180	190
 Total	<b><u>\$ 170,495</u></b>	<b><u>\$ 169,351</u></b>	<b><u>\$ 169,030</u></b>	<b><u>\$ 169,025</u></b>	<b><u>\$ 166,310</u></b>
 <b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Services:					
Power	-	-	-	-	-
Other	325	466	480	475	400
Total	325	466	480	475	400
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	170,170	168,885	168,550	168,550	165,910
Special Projects	-	-	-	-	-
 Total	<b><u>\$ 170,495</u></b>	<b><u>\$ 169,351</u></b>	<b><u>\$ 169,030</u></b>	<b><u>\$ 169,025</u></b>	<b><u>\$ 166,310</u></b>
 Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****302 MURPHY WASTEWATER TREATMENT PLANT / INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ 11,959	\$ -	\$ -	\$ -	\$ -
SERVICES	74,595	2,258	-	-	-
ESCROW	5,000	51,825	-	-	-
<b>TOTAL</b>	<b>\$ 91,553</b>	<b>\$ 54,083</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**DESCRIPTION**

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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**302 MURPHY WASTEWATER TREATMENT PLANT / INTERCEPTOR**

	<u>2015-16 ACTUAL</u>	<u>2016-17 ACTUAL</u>	<u>2017-18 BUDGET</u>	<u>2017-18 AMENDED</u>	<u>2018-19 PROPOSED</u>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 11,515	\$ (12,002)	\$ -	\$ -	\$ -
Total	11,515	(12,002)	-	-	-
Other Charges:					
Reserve for Maintenance	-	17,724	-	-	-
Preventative Maintenance	-	48,220	-	-	-
Other	80,036	34	-	-	-
Total	80,036	65,978	-	-	-
Interest Income	2	107	-	-	-
Total	<u>\$ 91,553</u>	<u>\$ 54,083</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	11,959	-	-	-	-
Total	11,959	-	-	-	-
Services:					
Power	326	221	-	-	-
Other	74,269	2,038	-	-	-
Total	74,595	2,258	-	-	-
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	5,000	3,760	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	48,065	-	-	-
Total	5,000	51,825	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 91,553</u>	<u>\$ 54,083</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****304 WYLIE WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 5,199	\$ 7,108	\$ 7,715	\$ 7,895	\$ 9,090
SUPPLIES	925	1,705	2,515	1,640	2,690
SERVICES	28,839	31,756	31,800	31,895	31,795
CAPITAL OUTLAY	1,225	554	510	495	-
<b>TOTAL</b>	<b>\$ 36,188</b>	<b>\$ 41,122</b>	<b>\$ 42,540</b>	<b>\$ 41,925</b>	<b>\$ 43,575</b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**304 WYLIE WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 35,939	\$ 41,008	\$ 42,505	\$ 41,880	\$ 43,525
Total	35,939	41,008	42,505	41,880	43,525
Other Charges:					
Other	226	88	-	-	-
Total	226	88	-	-	-
Interest Income	22	26	35	45	50
Total	<u>\$ 36,188</u>	<u>\$ 41,122</u>	<u>\$ 42,540</u>	<u>\$ 41,925</u>	<u>\$ 43,575</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	3,465	4,911	5,340	5,390	6,175
Other	1,733	2,196	2,375	2,505	2,915
Total	5,199	7,108	7,715	7,895	9,090
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	925	1,705	2,515	1,640	2,690
Total	925	1,705	2,515	1,640	2,690
Services:					
Power	580	543	570	570	570
Other	28,259	31,212	31,230	31,325	31,225
Total	28,839	31,756	31,800	31,895	31,795
Capital Outlay	1,225	554	510	495	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 36,188</u>	<u>\$ 41,122</u>	<u>\$ 42,540</u>	<u>\$ 41,925</u>	<u>\$ 43,575</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>



**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****305 SOUTH ROCKWALL (BUFFALO CREEK) WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 172,373	\$ 224,325	\$ 202,300	\$ 205,980	\$ 231,775
SUPPLIES	163,579	162,169	143,870	160,245	177,980
SERVICES	564,557	868,000	993,630	674,525	1,019,200
CAPITAL OUTLAY	123,882	59,269	25,000	26,765	15,000
ESCROW	5,000	-	100,000	100,000	103,000
DEBT SERVICE	256,615	252,510	249,010	249,010	252,295
<b>TOTAL</b>	<b>\$ 1,286,007</b>	<b>\$ 1,566,273</b>	<b>\$ 1,713,810</b>	<b>\$ 1,416,525</b>	<b>\$ 1,799,250</b>

**DESCRIPTION**

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

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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**305 SOUTH ROCKWALL (BUFFALO CREEK) WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 1,263,913	\$ 1,539,301	\$ 1,691,680	\$ 1,390,370	\$ 1,772,185
Total	1,263,913	1,539,301	1,691,680	1,390,370	1,772,185
Other Charges:					
Effluent	20,029	20,441	20,230	20,230	20,840
Other	924	3,338	-	-	-
Total	20,952	23,780	20,230	20,230	20,840
Interest Income	1,142	3,192	1,900	5,925	6,225
Total	<u>\$ 1,286,007</u>	<u>\$ 1,566,273</u>	<u>\$ 1,713,810</u>	<u>\$ 1,416,525</u>	<u>\$ 1,799,250</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	116,664	153,631	136,340	136,385	154,025
Other	55,709	70,694	65,960	69,595	77,750
Total	172,373	224,325	202,300	205,980	231,775
Supplies:					
Fuel	8	-	-	-	-
Chemicals	30,883	38,522	42,630	57,190	77,520
Other	132,688	123,647	101,240	103,055	100,460
Total	163,579	162,169	143,870	160,245	177,980
Services:					
Power	175,795	141,634	160,000	160,000	157,800
Other	388,762	726,366	833,630	514,525	861,400
Total	564,557	868,000	993,630	674,525	1,019,200
Capital Outlay	123,882	59,269	25,000	26,765	15,000
Escrow:					
Reserve for Maintenance	5,000	-	-	-	-
Preventive Maintenance	-	-	100,000	100,000	103,000
Total	5,000	-	100,000	100,000	103,000
Capital Improvement Fund	-	-	-	-	-
Debt Service	256,615	252,510	249,010	249,010	252,295
Special Projects	-	-	-	-	-
Total	<u>\$ 1,286,007</u>	<u>\$ 1,566,273</u>	<u>\$ 1,713,810</u>	<u>\$ 1,416,525</u>	<u>\$ 1,799,250</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****306 NORTH ROCKWALL (SQUABBLE CREEK) WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 87,580	\$ 116,776	\$ 115,235	\$ 117,500	\$ 128,810
SUPPLIES	195,656	102,523	110,985	128,145	125,815
SERVICES	187,305	274,373	214,100	209,535	241,395
CAPITAL OUTLAY	26,654	17,600	22,500	7,245	14,000
ESCROW	5,000	-	-	-	-
<b>TOTAL</b>	<b>\$ 502,195</b>	<b>\$ 511,273</b>	<b>\$ 462,820</b>	<b>\$ 462,425</b>	<b>\$ 510,020</b>

**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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**306 NORTH ROCKWALL (SQUABBLE CREEK) WASTEWATER TREATMENT PLANT**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 500,242	\$ 440,517	\$ 461,840	\$ 461,020	\$ 508,540
Total	500,242	440,517	461,840	461,020	508,540
Other Charges:					
Reserve for Maintenance	-	68,125	-	-	-
Other	1,434	1,992	-	-	-
Total	1,434	70,117	-	-	-
Interest Income	519	639	980	1,405	1,480
Total	<u>\$ 502,195</u>	<u>\$ 511,273</u>	<u>\$ 462,820</u>	<u>\$ 462,425</u>	<u>\$ 510,020</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	59,363	79,970	78,550	78,760	86,255
Other	28,217	36,806	36,685	38,740	42,555
Total	87,580	116,776	115,235	117,500	128,810
Supplies:					
Fuel	-	-	-	-	-
Chemicals	82,851	56,355	74,015	70,015	76,275
Other	112,805	46,169	36,970	58,130	49,540
Total	195,656	102,523	110,985	128,145	125,815
Services:					
Power	43,590	42,048	52,700	52,700	41,200
Other	143,716	232,326	161,400	156,835	200,195
Total	187,305	274,373	214,100	209,535	241,395
Capital Outlay	26,654	17,600	22,500	7,245	14,000
Escrow:					
Reserve for Maintenance	5,000	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	5,000	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 502,195</u>	<u>\$ 511,273</u>	<u>\$ 462,820</u>	<u>\$ 462,425</u>	<u>\$ 510,020</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**EXPENDITURE SUMMARY**

**307 PANTHER CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 1,241,309	\$ 1,346,120	\$ 1,475,675	\$ 1,499,670	\$ 1,591,855
SUPPLIES	1,003,453	1,016,531	1,088,480	1,128,090	1,127,645
SERVICES	1,609,441	2,316,877	2,110,150	2,035,805	2,243,580
CAPITAL OUTLAY	151,809	201,320	326,675	355,680	35,000
ESCROW	10,000	6,000	25,000	25,000	-
CAPITAL IMPROVEMENT FUND	135,275	-	-	-	-
SPECIAL PROJECTS	-	-	10,000	10,000	10,000
DEBT SERVICE	4,073,825	4,086,520	4,062,520	3,894,520	3,806,520
<b>TOTAL</b>	<b>\$ 8,225,112</b>	<b>\$ 8,973,368</b>	<b>\$ 9,098,500</b>	<b>\$ 8,948,765</b>	<b>\$ 8,814,600</b>

**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

# 2018-2019 ANNUAL BUDGET

## SEWER SYSTEM

### DETAIL LISTING

#### 307 PANTHER CREEK WASTEWATER TREATMENT PLANT

	2015-16 ACTUAL	2016-17 ACTUAL	2017-18 BUDGET	2017-18 AMENDED	2018-19 PROPOSED
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 8,196,982	\$ 8,936,705	\$ 9,095,195	\$ 8,934,550	\$ 8,799,670
Total	8,196,982	8,936,705	9,095,195	8,934,550	8,799,670
Other Charges:					
Other	25,408	28,154	-	-	-
Total	25,408	28,154	-	-	-
Interest Income	2,722	8,509	3,305	14,215	14,930
Total	<u>\$ 8,225,112</u>	<u>\$ 8,973,368</u>	<u>\$ 9,098,500</u>	<u>\$ 8,948,765</u>	<u>\$ 8,814,600</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	864,738	937,928	1,008,390	1,005,895	1,080,910
Other	376,571	408,192	467,285	493,775	510,945
Total	1,241,309	1,346,120	1,475,675	1,499,670	1,591,855
Supplies:					
Fuel	14,109	7,426	11,835	9,835	6,160
Chemicals	595,596	688,418	789,925	789,925	786,485
Other	393,748	320,687	286,720	328,330	335,000
Total	1,003,453	1,016,531	1,088,480	1,128,090	1,127,645
Services:					
Power	423,659	427,994	467,000	467,000	467,000
Other	1,185,782	1,888,883	1,643,150	1,568,805	1,776,580
Total	1,609,441	2,316,877	2,110,150	2,035,805	2,243,580
Capital Outlay	151,809	201,320	326,675	355,680	35,000
Escrow:					
Reserve for Maintenance	10,000	-	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	6,000	25,000	25,000	-
Total	10,000	6,000	25,000	25,000	-
Capital Improvement Fund	135,275	-	-	-	-
Debt Service	4,073,825	4,086,520	4,062,520	3,894,520	3,806,520
Special Projects	-	-	10,000	10,000	10,000
Total	<u>\$ 8,225,112</u>	<u>\$ 8,973,368</u>	<u>\$ 9,098,500</u>	<u>\$ 8,948,765</u>	<u>\$ 8,814,600</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****308 SABINE CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 118,382	\$ 151,953	\$ 195,945	\$ 199,765	\$ 223,510
SUPPLIES	151,232	110,521	152,300	143,550	173,885
SERVICES	480,034	535,120	582,605	568,330	614,810
CAPITAL OUTLAY	61,535	40,706	37,500	55,055	91,000
ESCROW	-	4,000	10,000	10,000	-
DEBT SERVICE	833,768	1,265,333	1,428,450	1,429,790	1,432,030
<b>TOTAL</b>	<b>\$ 1,644,951</b>	<b>\$ 2,107,633</b>	<b>\$ 2,406,800</b>	<b>\$ 2,406,490</b>	<b>\$ 2,535,235</b>

**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 3.0 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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**308 SABINE CREEK WASTEWATER TREATMENT PLANT**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
420000-4006 - Fate	\$ 603,832	\$ 883,830	\$ 1,032,014	\$ 1,125,545	\$ 1,185,764
420000-4024 - Royse City	<u>1,036,743</u>	<u>1,201,703</u>	<u>1,374,196</u>	<u>1,277,605</u>	<u>1,345,961</u>
Total	\$ <u>1,640,575</u>	\$ <u>2,085,533</u>	\$ <u>2,406,210</u>	\$ <u>2,403,150</u>	\$ <u>2,531,725</u>
	-	-	-	-	-
Annual Flow (1,000):					
Fate	202,873	223,754	218,064	275,974	278,734
Royse City	<u>348,321</u>	<u>304,228</u>	<u>290,367</u>	<u>313,258</u>	<u>316,391</u>
Total	<u>551,194</u>	<u>527,982</u>	<u>508,431</u>	<u>589,232</u>	<u>595,125</u>



# **2018-2019 ANNUAL BUDGET**

## **SEWER SYSTEM**

### **DETAIL LISTING**

#### **308 SABINE CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 1,640,575	\$ 2,085,533	\$ 2,406,210	\$ 2,403,150	\$ 2,531,725
Total	1,640,575	2,085,533	2,406,210	2,403,150	2,531,725
Other Charges:					
Other	3,543	21,430	-	-	-
Total	3,543	21,430	-	-	-
Interest Income	834	670	590	3,340	3,510
 Total	 \$ 1,644,951	 \$ 2,107,633	 \$ 2,406,800	 \$ 2,406,490	 \$ 2,535,235
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	81,265	104,542	136,040	136,385	154,025
Other	37,117	47,411	59,905	63,380	69,485
Total	118,382	151,953	195,945	199,765	223,510
Supplies:					
Fuel	13	-	-	-	-
Chemicals	18,748	6,480	16,560	19,485	29,485
Other	132,471	104,041	135,740	124,065	144,400
Total	151,232	110,521	152,300	143,550	173,885
Services:					
Power	156,820	151,495	218,000	218,000	202,500
Other	323,215	383,625	364,605	350,330	412,310
Total	480,034	535,120	582,605	568,330	614,810
Capital Outlay	61,535	40,706	37,500	55,055	91,000
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	4,000	10,000	10,000	-
Total	-	4,000	10,000	10,000	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	833,768	1,265,333	1,428,450	1,429,790	1,432,030
Special Projects	-	-	-	-	-
 Total	 \$ 1,644,951	 \$ 2,107,633	 \$ 2,406,800	 \$ 2,406,490	 \$ 2,535,235
 Revenues Over / (Under) Expenditures	 -	 -	 -	 -	 -

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**EXPENDITURE SUMMARY**

**309 STEWART CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 607,635	\$ 752,817	\$ 1,284,890	\$ 1,098,265	\$ 1,467,445
SUPPLIES	538,467	643,674	819,745	835,445	1,106,610
SERVICES	1,049,013	1,115,933	1,562,890	1,457,065	1,784,175
CAPITAL OUTLAY	131,720	102,306	58,000	102,570	50,000
ESCROW	-	2,000	20,000	20,000	-
DEBT SERVICE	5,628,490	4,993,505	5,037,885	5,037,785	4,928,440
<b>TOTAL</b>	<b>\$ 7,955,325</b>	<b>\$ 7,610,234</b>	<b>\$ 8,783,410</b>	<b>\$ 8,551,130</b>	<b>\$ 9,336,670</b>

**DESCRIPTION**

The Stewart Creek West WWTP treats wastewater for the southern portion of Frisco. The current capacity is 10 MGD through biological nutrient removal (BNR) treatment process. The plant discharges into Stewart Creek, a tributary of Lake Lewisville, and operates under the following permit limits:

(All year) - 5 mg/L CBOD, 12 mg/L TSS, PO4 0.75 mg/L and 2 mg/L NH3-N

# 2018-2019 ANNUAL BUDGET

## SEWER SYSTEM

### DETAIL LISTING

#### 309 STEWART CREEK WASTEWATER TREATMENT PLANT

	2015-16 ACTUAL	2016-17 ACTUAL	2017-18 BUDGET	2017-18 AMENDED	2018-19 PROPOSED
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 7,936,909	\$ 7,582,187	\$ 8,779,000	\$ 8,533,205	\$ 9,320,995
Total	7,936,909	7,582,187	8,779,000	8,533,205	9,320,995
Other Charges:					
Reserve for Maintenance	-	-	-	3,000	-
Other	11,583	22,353	-	-	-
Total	11,583	22,353	-	3,000	-
Interest Income	6,832	5,695	4,410	14,925	15,675
<b>Total</b>	<b>\$ 7,955,325</b>	<b>\$ 7,610,234</b>	<b>\$ 8,783,410</b>	<b>\$ 8,551,130</b>	<b>\$ 9,336,670</b>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	410,991	495,190	892,060	749,805	1,040,810
Other	196,644	257,626	392,830	348,460	426,635
Total	607,635	752,817	1,284,890	1,098,265	1,467,445
Supplies:					
Fuel	4,814	5,014	8,405	8,405	8,440
Chemicals	399,753	459,463	557,285	557,285	800,070
Other	133,900	179,196	254,055	269,755	298,100
Total	538,467	643,674	819,745	835,445	1,106,610
Services:					
Power	281,430	264,870	404,000	404,000	400,000
Other	767,583	851,063	1,158,890	1,053,065	1,384,175
Total	1,049,013	1,115,933	1,562,890	1,457,065	1,784,175
Capital Outlay	131,720	102,306	58,000	102,570	50,000
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	2,000	20,000	20,000	-
Total	-	2,000	20,000	20,000	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	5,628,490	4,993,505	5,037,885	5,037,785	4,928,440
Special Projects	-	-	-	-	-
<b>Total</b>	<b>\$ 7,955,325</b>	<b>\$ 7,610,234</b>	<b>\$ 8,783,410</b>	<b>\$ 8,551,130</b>	<b>\$ 9,336,670</b>
Revenues Over/(Under) Expenditures	-	-	-	-	-

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**EXPENDITURE SUMMARY**

**310 MUDDY CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 1,253,963	\$ 1,366,867	\$ 1,521,525	\$ 1,482,120	\$ 1,569,700
SUPPLIES	687,176	656,196	681,830	658,135	673,550
SERVICES	1,424,508	1,450,333	1,568,115	1,551,415	1,658,590
CAPITAL OUTLAY	270,592	134,972	388,745	441,145	473,490
ESCROW	-	8,000	-	-	-
CAPITAL IMPROVEMENT FUND	-	75,000	-	-	-
SPECIAL PROJECTS	-	-	20,000	-	15,000
DEBT SERVICE	2,222,955	2,016,260	2,145,350	2,144,460	2,555,360
<b>TOTAL</b>	<b>\$ 5,859,194</b>	<b>\$ 5,707,628</b>	<b>\$ 6,325,565</b>	<b>\$ 6,277,275</b>	<b>\$ 6,945,690</b>

**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) - 7 mg/L CBOD, 15 mg/L TSS, 2 mg/L NH3-N and 2.4 mg/L PO4

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**310 MUDDY CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
420000-4016 - Murphy					
Allocated Expenditures	\$ 1,913,425	\$ 1,642,292	\$ 1,801,724	\$ 1,858,400	\$ 2,056,287
Allocated Interest Income	(750)	(1,531)	(1,040)	(3,202)	(3,363)
Less Credit	(103,619)	(103,619)	(103,619)	(103,619)	(103,619)
Less Other	(3,352)	(9,292)	-	(1,303)	-
Total	1,805,705	1,527,850	1,697,066	1,750,277	1,949,305
420000-4031 - Wylie					
Allocated Expenditures	3,945,769	4,065,336	4,523,841	4,418,875	4,889,403
Allocated Interest Income	(1,546)	(3,790)	(2,610)	(7,613)	(7,997)
Less Credit	(241,211)	(241,211)	(241,211)	(241,211)	(241,211)
Less Other	(6,912)	(22,995)	-	(3,097)	-
Total	3,696,100	3,797,340	4,280,019	4,166,953	4,640,195
Total System					
Expenditures	5,859,194	5,707,628	6,325,565	6,277,275	6,945,690
Interest Income	(2,296)	(5,321)	(3,650)	(10,815)	(11,360)
Less Credit	(344,830)	(344,830)	(344,830)	(344,830)	(344,830)
Less Other	(10,264)	(32,287)	-	(4,400)	-
Total	\$ 5,501,805	\$ 5,325,190	\$ 5,977,085	\$ 5,917,230	\$ 6,589,500
	-	-	-	-	-
Annual Flow (1,000):					
Murphy	890,557	686,027	679,235	747,978	755,458
Wylie	1,836,459	1,698,194	1,705,450	1,778,530	1,796,315
Total	2,727,016	2,384,221	2,384,685	2,526,508	2,551,773

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**310 MUDDY CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 5,501,805	\$ 5,325,190	\$ 5,977,085	\$ 5,917,230	\$ 6,589,500
Total	5,501,805	5,325,190	5,977,085	5,917,230	6,589,500
Other Charges:					
Debt Acquisition	344,830	344,830	344,830	344,830	344,830
Reserve for Maintenance	-	-	-	4,400	-
Other	10,264	32,287	-	-	-
Total	355,094	377,117	344,830	349,230	344,830
Interest Income	2,296	5,321	3,650	10,815	11,360
Total	<u>\$ 5,859,194</u>	<u>\$ 5,707,628</u>	<u>\$ 6,325,565</u>	<u>\$ 6,277,275</u>	<u>\$ 6,945,690</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	847,381	950,311	1,066,885	1,027,075	1,099,925
Other	406,582	416,556	454,640	455,045	469,775
Total	1,253,963	1,366,867	1,521,525	1,482,120	1,569,700
Supplies:					
Fuel	8,951	4,799	9,075	7,475	6,430
Chemicals	256,347	271,459	317,345	297,345	308,180
Other	421,878	379,939	355,410	353,315	358,940
Total	687,176	656,196	681,830	658,135	673,550
Services:					
Power	305,291	263,523	300,000	300,000	251,600
Other	1,119,218	1,186,809	1,268,115	1,251,415	1,406,990
Total	1,424,508	1,450,333	1,568,115	1,551,415	1,658,590
Capital Outlay	270,592	134,972	388,745	441,145	473,490
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	8,000	-	-	-
Total	-	8,000	-	-	-
Capital Improvement Fund	-	75,000	-	-	-
Debt Service	2,222,955	2,016,260	2,145,350	2,144,460	2,555,360
Special Projects	-	-	20,000	-	15,000
Total	<u>\$ 5,859,194</u>	<u>\$ 5,707,628</u>	<u>\$ 6,325,565</u>	<u>\$ 6,277,275</u>	<u>\$ 6,945,690</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****311 SEIS LAGOS WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 39,126	\$ 61,229	\$ 60,205	\$ 61,295	\$ 73,155
SUPPLIES	18,989	15,807	39,275	36,495	43,680
SERVICES	78,359	76,907	91,935	93,625	82,825
CAPITAL OUTLAY	25,779	4,846	3,980	3,850	-
ESCROW	2,500	4,000	-	-	950
<b>TOTAL</b>	<b>\$ 164,753</b>	<b>\$ 162,789</b>	<b>\$ 195,395</b>	<b>\$ 195,265</b>	<b>\$ 200,610</b>

**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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**311 SEIS LAGOS WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 164,155	\$ 161,454	\$ 195,080	\$ 193,850	\$ 199,120
Total	164,155	161,454	195,080	193,850	199,120
Other Charges:					
Other	455	902	-	-	-
Total	455	902	-	-	-
Interest Income	143	434	315	1,415	1,490
Total	<u>\$ 164,753</u>	<u>\$ 162,789</u>	<u>\$ 195,395</u>	<u>\$ 195,265</u>	<u>\$ 200,610</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	26,443	43,115	41,680	41,710	49,295
Other	12,684	18,115	18,525	19,585	23,860
Total	39,126	61,229	60,205	61,295	73,155
Supplies:					
Fuel	-	-	-	-	-
Chemicals	1,780	3,228	4,200	4,200	4,540
Other	17,208	12,579	35,075	32,295	39,140
Total	18,989	15,807	39,275	36,495	43,680
Services:					
Power	13,677	12,438	14,600	14,600	11,700
Other	64,682	64,470	77,335	79,025	71,125
Total	78,359	76,907	91,935	93,625	82,825
Capital Outlay	25,779	4,846	3,980	3,850	-
Escrow:					
Reserve for Maintenance	2,500	4,000	-	-	950
Equipment Replacement	-	-	-	-	-
Total	2,500	4,000	-	-	950
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 164,753</u>	<u>\$ 162,789</u>	<u>\$ 195,395</u>	<u>\$ 195,265</u>	<u>\$ 200,610</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>



**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****312 ROYSE CITY WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 5,181	\$ 7,112	\$ 7,715	\$ 7,845	\$ 9,090
SUPPLIES	910	900	1,965	1,870	1,415
SERVICES	11,405	7,339	7,745	7,420	7,720
CAPITAL	1,225	554	510	495	-
<b>TOTAL</b>	<b>\$ 18,721</b>	<b>\$ 15,904</b>	<b>\$ 17,935</b>	<b>\$ 17,630</b>	<b>\$ 18,225</b>

**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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**312 ROYSE CITY WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 18,676	\$ 15,754	\$ 17,865	\$ 17,585	\$ 18,175
Total	18,676	15,754	17,865	17,585	18,175
Other Charges:					
Other	0	87	-	-	-
Total	0	87	-	-	-
Interest Income	45	64	70	45	50
Total	<u>\$ 18,721</u>	<u>\$ 15,904</u>	<u>\$ 17,935</u>	<u>\$ 17,630</u>	<u>\$ 18,225</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	3,465	4,911	5,340	5,340	6,175
Other	1,716	2,200	2,375	2,505	2,915
Total	5,181	7,112	7,715	7,845	9,090
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	910	900	1,965	1,870	1,415
Total	910	900	1,965	1,870	1,415
Services:					
Power	114	127	155	155	120
Other	11,291	7,212	7,590	7,265	7,600
Total	11,405	7,339	7,745	7,420	7,720
Capital Outlay	1,225	554	510	495	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 18,721</u>	<u>\$ 15,904</u>	<u>\$ 17,935</u>	<u>\$ 17,630</u>	<u>\$ 18,225</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****313 FARMERSVILLE WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 56,088	\$ 83,049	\$ 111,290	\$ 114,085	\$ 141,540
SUPPLIES	46,627	45,795	66,405	65,185	61,380
SERVICES	151,267	162,796	155,060	153,365	171,435
CAPITAL OUTLAY	28,921	25,894	15,500	15,325	-
ESCROW	2,000	-	-	-	-
<b>TOTAL</b>	<b>\$ 284,902</b>	<b>\$ 317,535</b>	<b>\$ 348,255</b>	<b>\$ 347,960</b>	<b>\$ 374,355</b>

**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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**313 FARMERSVILLE WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 284,151	\$ 315,827	\$ 347,885	\$ 346,835	\$ 373,170
Total	284,151	315,827	347,885	346,835	373,170
Other Charges:					
Other	597	1,253	-	-	-
Total	597	1,253	-	-	-
Interest Income	154	454	370	1,125	1,185
Total	<u>\$ 284,902</u>	<u>\$ 317,535</u>	<u>\$ 348,255</u>	<u>\$ 347,960</u>	<u>\$ 374,355</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	37,726	57,844	78,420	79,260	98,580
Other	18,361	25,205	32,870	34,825	42,960
Total	56,088	83,049	111,290	114,085	141,540
Supplies:					
Fuel	-	-	-	-	-
Chemicals	10,174	8,928	13,600	13,600	14,465
Other	36,453	36,867	52,805	51,585	46,915
Total	46,627	45,795	66,405	65,185	61,380
Services:					
Power	48,743	47,372	54,500	54,500	42,800
Other	102,523	115,424	100,560	98,865	128,635
Total	151,267	162,796	155,060	153,365	171,435
Capital Outlay	28,921	25,894	15,500	15,325	-
Escrow:					
Reserve for Maintenance	2,000	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	2,000	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 284,902</u>	<u>\$ 317,535</u>	<u>\$ 348,255</u>	<u>\$ 347,960</u>	<u>\$ 374,355</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****315 FRISCO COTTONWOOD CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ -
SUPPLIES	10,570	7,318	14,405	14,355	-
SERVICES	72,646	74,015	77,705	77,755	-
ESCROW	1,000	1,500	-	-	-
<b>TOTAL</b>	<b>\$ 129,217</b>	<b>\$ 127,834</b>	<b>\$ 137,110</b>	<b>\$ 137,110</b>	<b>\$ -</b>

**DESCRIPTION**

The NTMWD operated the Cottonwood Creek WWTP, which was located at 6820 First Street in Frisco for the City of Frisco. The contact stabilization plant had a capacity of 0.3 MGD. The plant was decommissioned August 2018 by the City of Frisco.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**315 FRISCO COTTONWOOD CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 129,061	\$ 127,539	\$ 136,925	\$ 136,700	\$ -
Total	129,061	127,539	136,925	136,700	-
Other Charges:					
Other	34	8	-	-	-
Total	34	8	-	-	-
Interest Income	122	287	185	410	-
 Total	<u>\$ 129,217</u>	<u>\$ 127,834</u>	<u>\$ 137,110</u>	<u>\$ 137,110</u>	<u>\$ -</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	45,000	45,000	45,000	45,000	-
Other	-	-	-	-	-
Total	45,000	45,000	45,000	45,000	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	3,222	2,595	3,800	3,800	-
Other	7,349	4,723	10,605	10,555	-
Total	10,570	7,318	14,405	14,355	-
Services:					
Power	27,788	25,163	29,900	29,900	-
Other	44,859	48,853	47,805	47,855	-
Total	72,646	74,015	77,705	77,755	-
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	1,000	1,500	-	-	-
Equipment Replacement	-	-	-	-	-
Total	1,000	1,500	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
 Total	<u>\$ 129,217</u>	<u>\$ 127,834</u>	<u>\$ 137,110</u>	<u>\$ 137,110</u>	<u>\$ -</u>
 Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****317 LAVON WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 39,037	\$ 61,226	\$ 74,385	\$ 76,030	\$ 89,700
SUPPLIES	19,862	42,645	37,005	51,605	47,400
SERVICES	89,033	112,420	139,305	129,280	137,380
CAPITAL OUTLAY	16,688	4,846	27,000	19,930	13,000
ESCROW	1,000	2,000	2,000	2,000	4,000
<b>TOTAL</b>	<b>\$ 165,619</b>	<b>\$ 223,137</b>	<b>\$ 279,695</b>	<b>\$ 278,845</b>	<b>\$ 291,480</b>

**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 is currently being expanded to 0.500 MGD. The plant discharges into Bear Creek, at 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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**317 LAVON WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Sewer Facilities	\$ 165,056	\$ 221,847	\$ 279,420	\$ 277,805	\$ 290,385
Total	165,056	221,847	279,420	277,805	290,385
Other Charges:					
Other	440	924	-	-	-
Total	440	924	-	-	-
Interest Income	123	366	275	1,040	1,095
Total	<u>\$ 165,619</u>	<u>\$ 223,137</u>	<u>\$ 279,695</u>	<u>\$ 278,845</u>	<u>\$ 291,480</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	26,369	43,114	52,305	52,645	61,605
Other	12,668	18,113	22,080	23,385	28,095
Total	39,037	61,226	74,385	76,030	89,700
Supplies:					
Fuel	-	-	-	-	-
Chemicals	1,803	1,896	2,850	2,850	5,555
Other	18,059	40,748	34,155	48,755	41,845
Total	19,862	42,645	37,005	51,605	47,400
Services:					
Power	-	-	-	-	-
Other	89,033	112,420	139,305	129,280	137,380
Total	89,033	112,420	139,305	129,280	137,380
Capital Outlay	16,688	4,846	27,000	19,930	13,000
Escrow:					
Reserve for Maintenance	1,000	-	-	-	4,000
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	2,000	2,000	2,000	-
Total	1,000	2,000	2,000	2,000	4,000
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 165,619</u>	<u>\$ 223,137</u>	<u>\$ 279,695</u>	<u>\$ 278,845</u>	<u>\$ 291,480</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>



**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****502 FORNEY INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 207	\$ 14,229	\$ -	\$ -	\$ -
SUPPLIES	86,502	71,344	96,670	101,735	116,075
SERVICES	99,982	201,087	286,750	286,020	260,835
ESCROW	2,000	-	-	-	100,695
<b>TOTAL</b>	<b>\$ 188,691</b>	<b>\$ 286,660</b>	<b>\$ 383,420</b>	<b>\$ 387,755</b>	<b>\$ 477,605</b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**502 FORNEY INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Interceptor Facilities	\$ 187,800	\$ 285,444	\$ 383,020	\$ 381,830	\$ 475,935
Total	187,800	285,444	383,020	381,830	475,935
Other Charges:					
Reserve for Maintenance	-	-	-	4,335	-
Other	826	394	-	-	-
Total	826	394	-	4,335	-
Interest Income	65	823	400	1,590	1,670
Total	<u>\$ 188,691</u>	<u>\$ 286,660</u>	<u>\$ 383,420</u>	<u>\$ 387,755</u>	<u>\$ 477,605</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	9,350	-	-	-
Other	207	4,878	-	-	-
Total	207	14,229	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	71,371	66,263	79,160	84,365	79,940
Other	15,131	5,081	17,510	17,370	36,135
Total	86,502	71,344	96,670	101,735	116,075
Services:					
Power	45,091	36,414	40,700	40,700	26,400
Other	54,891	164,673	246,050	245,320	234,435
Total	99,982	201,087	286,750	286,020	260,835
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	2,000	-	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	-	-	100,695
Total	2,000	-	-	-	100,695
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 188,691</u>	<u>\$ 286,660</u>	<u>\$ 383,420</u>	<u>\$ 387,755</u>	<u>\$ 477,605</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****503 LOWER EAST FORK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 10,097	\$ 13,989	\$ -	\$ -	\$ -
SUPPLIES	93,501	61,786	91,140	89,740	111,415
SERVICES	177,009	329,905	347,090	361,350	347,350
ESCROW	2,000	-	115,000	115,000	144,265
DEBT SERVICE	1,289,355	1,273,785	1,304,235	1,303,510	1,240,510
<b>TOTAL</b>	<b>\$ 1,571,963</b>	<b>\$ 1,679,465</b>	<b>\$ 1,857,465</b>	<b>\$ 1,869,600</b>	<b>\$ 1,843,540</b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**503 LOWER EAST FORK INTERCEPTOR**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
420000-4015 - Mesquite	\$ 1,228,682	\$ 1,311,860	\$ 1,451,924	\$ 1,449,503	\$ 1,439,042
420000-4026 - Seagoville	<u>342,312</u>	<u>365,485</u>	<u>404,506</u>	<u>403,832</u>	<u>400,918</u>
Total	\$ 1,570,994	\$ 1,677,345	\$ 1,856,430	\$ 1,853,335	\$ 1,839,960
	-	-	-	-	-
Annual Flow (1,000):					
Mesquite	2,711,950	2,711,950	2,711,950	2,711,950	2,711,950
Seagoville	<u>755,550</u>	<u>755,550</u>	<u>755,550</u>	<u>755,550</u>	<u>755,550</u>
Total	3,467,500	3,467,500	3,467,500	3,467,500	3,467,500

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**503 LOWER EAST FORK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Interceptor Facilities	\$ 1,570,994	\$ 1,677,345	\$ 1,856,430	\$ 1,853,335	\$ 1,839,960
Total	1,570,994	1,677,345	1,856,430	1,853,335	1,839,960
Other Charges:					
Reserve for Maintenance	-	-	-	12,860	-
Other	775	649	-	-	-
Total	775	649	-	12,860	-
Interest Income	194	1,471	1,035	3,405	3,580
Total	<u>\$ 1,571,963</u>	<u>\$ 1,679,465</u>	<u>\$ 1,857,465</u>	<u>\$ 1,869,600</u>	<u>\$ 1,843,540</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	9,152	9,095	-	-	-
Other	945	4,893	-	-	-
Total	10,097	13,989	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	85,901	45,100	63,790	63,790	65,540
Other	7,600	16,686	27,350	25,950	45,875
Total	93,501	61,786	91,140	89,740	111,415
Services:					
Power	33,632	25,631	27,500	27,500	25,000
Other	143,378	304,275	319,590	333,850	322,350
Total	177,009	329,905	347,090	361,350	347,350
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	2,000	-	-	-	-
Preventive Maintenance	-	-	115,000	115,000	144,265
Total	2,000	-	115,000	115,000	144,265
Capital Improvement Fund	-	-	-	-	-
Debt Service	1,289,355	1,273,785	1,304,235	1,303,510	1,240,510
Special Projects	-	-	-	-	-
Total	<u>\$ 1,571,963</u>	<u>\$ 1,679,465</u>	<u>\$ 1,857,465</u>	<u>\$ 1,869,600</u>	<u>\$ 1,843,540</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****504 MUDDY CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ 27,890	\$ 38,043	\$ 49,620	\$ 49,280	\$ 54,735
SERVICES	8,464	11,576	19,930	36,695	47,755
ESCROW	-	15,000	40,000	40,000	140,000
DEBT SERVICE	244,250	245,510	247,210	247,210	253,210
<b>TOTAL</b>	<b>\$ 280,604</b>	<b>\$ 310,129</b>	<b>\$ 356,760</b>	<b>\$ 373,185</b>	<b>\$ 495,700</b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**504 MUDDY CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
420000-4016 - Murphy	\$ 109,742	\$ 121,360	\$ 139,660	\$ 139,548	\$ 193,968
420000-4031 - Wylie	170,388	188,427	216,840	216,667	301,162
Total	<u>\$ 280,130</u>	<u>\$ 309,787</u>	<u>\$ 356,500</u>	<u>\$ 356,215</u>	<u>\$ 495,130</u>
	-	-	-	-	-
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	<u>3,540,500</u>	<u>3,540,500</u>	<u>3,540,500</u>	<u>3,540,500</u>	<u>3,540,500</u>

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**504 MUDDY CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Interceptor Facilities	\$ 280,130	\$ 309,787	\$ 356,500	\$ 356,215	\$ 495,130
Total	280,130	309,787	356,500	356,215	495,130
Other Charges:					
Reserve for Maintenance	-	-	-	16,430	-
Other	382	4	-	-	-
Total	382	4	-	16,430	-
Interest Income	91	338	260	540	570
 Total	 \$ 280,604	 \$ 310,129	 \$ 356,760	 \$ 373,185	 \$ 495,700
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	27,335	37,524	45,850	45,760	47,040
Other	555	519	3,770	3,520	7,695
Total	27,890	38,043	49,620	49,280	54,735
Services:					
Power	-	28	-	250	265
Other	8,464	11,548	19,930	36,445	47,490
Total	8,464	11,576	19,930	36,695	47,755
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	15,000	40,000	40,000	140,000
Total	-	15,000	40,000	40,000	140,000
Capital Improvement Fund	-	-	-	-	-
Debt Service	244,250	245,510	247,210	247,210	253,210
Special Projects	-	-	-	-	-
 Total	 \$ 280,604	 \$ 310,129	 \$ 356,760	 \$ 373,185	 \$ 495,700
 Revenues Over/(Under) Expenditures	 -	 -	 -	 -	 -



**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****505 PARKER CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ 14,156	\$ 1,738	\$ 7,365	\$ 18,805	\$ 10,890
SERVICES	16,300	38,682	31,085	34,660	60,560
ESCROW	1,000	6,750	17,000	17,000	183,920
DEBT SERVICE	<u>225,510</u>	<u>222,010</u>	<u>222,510</u>	<u>222,510</u>	<u>223,540</u>
<b>TOTAL</b>	<b><u>\$ 256,967</u></b>	<b><u>\$ 269,181</u></b>	<b><u>\$ 277,960</u></b>	<b><u>\$ 292,975</u></b>	<b><u>\$ 478,910</u></b>

**DESCRIPTION**

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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**505 PARKER CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
420000-4006 - Fate	\$ 218,361	\$ 228,673	\$ 236,156	\$ 235,926	\$ 406,700
420000-4024 - Royse City	38,534	40,354	41,675	41,634	71,770
Total	<u>\$ 256,895</u>	<u>\$ 269,028</u>	<u>\$ 277,830</u>	<u>\$ 277,560</u>	<u>\$ 478,470</u>
	-	-	-	-	-
Annual Flow (1,000):					
Fate	527,425	527,425	527,425	527,425	527,425
Royse City	<u>93,075</u>	<u>93,075</u>	<u>93,075</u>	<u>93,075</u>	<u>93,075</u>
Total	<u>620,500</u>	<u>620,500</u>	<u>620,500</u>	<u>620,500</u>	<u>620,500</u>

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**505 PARKER CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Interceptor Facilities	\$ 256,895	\$ 269,028	\$ 277,830	\$ 277,560	\$ 478,470
Total	256,895	269,028	277,830	277,560	478,470
Other Charges:					
Reserve for Maintenance	-	-	-	15,000	-
Other	5	39	-	-	-
Total	4.68	39	-	15,000	-
Interest Income	67	114	130	415	440
Total	<u>\$ 256,967</u>	<u>\$ 269,181</u>	<u>\$ 277,960</u>	<u>\$ 292,975</u>	<u>\$ 478,910</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	14,156	1,738	7,365	18,805	10,890
Total	14,156	1,738	7,365	18,805	10,890
Services:					
Power	251	249	275	275	275
Other	16,049	38,433	30,810	34,385	60,285
Total	16,300	38,682	31,085	34,660	60,560
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	1,000	-	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	6,750	17,000	17,000	183,920
Total	1,000	6,750	17,000	17,000	183,920
Capital Improvement Fund	-	-	-	-	-
Debt Service	225,510	222,010	222,510	222,510	223,540
Special Projects	-	-	-	-	-
Total	<u>\$ 256,967</u>	<u>\$ 269,181</u>	<u>\$ 277,960</u>	<u>\$ 292,975</u>	<u>\$ 478,910</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****506 SABINE CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ 38	\$ 211	\$ 615	\$ 875	\$ 3,115
SERVICES	1,760	3,569	7,750	7,485	35,545
ESCROW	-	-	-	-	102,500
DEBT SERVICE	181,750	181,010	180,010	180,010	181,090
<b>TOTAL</b>	<b>\$ 183,548</b>	<b>\$ 184,791</b>	<b>\$ 188,375</b>	<b>\$ 188,370</b>	<b>\$ 322,250</b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**506 SABINE CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Interceptor Facilities	\$ 183,530	\$ 184,687	\$ 188,290	\$ 188,215	\$ 322,085
Total	183,530	184,687	188,290	188,215	322,085
Other Charges:					
Other	0	-	-	-	-
Total	0	-	-	-	-
Interest Income	18	104	85	155	165
Total	<u>\$ 183,548</u>	<u>\$ 184,791</u>	<u>\$ 188,375</u>	<u>\$ 188,370</u>	<u>\$ 322,250</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	38	211	615	875	3,115
Total	38	211	615	875	3,115
Services:					
Power	-	-	-	-	-
Other	1,760	3,569	7,750	7,485	35,545
Total	1,760	3,569	7,750	7,485	35,545
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Preventive Maintenance	-	-	-	-	102,500
Total	-	-	-	-	102,500
Capital Improvement Fund	-	-	-	-	-
Debt Service	181,750	181,010	180,010	180,010	181,090
Special Projects	-	-	-	-	-
Total	<u>\$ 183,548</u>	<u>\$ 184,791</u>	<u>\$ 188,375</u>	<u>\$ 188,370</u>	<u>\$ 322,250</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****507 BUFFALO CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 214	\$ 15,763	\$ -	\$ -	\$ -
SUPPLIES	49,011	115,547	120,365	106,935	159,040
SERVICES	185,036	305,205	338,320	351,745	376,290
CAPITAL OUTLAY	-	-	30,000	30,000	-
ESCROW	-	-	115,000	115,000	115,000
DEBT SERVICE	1,436,270	1,448,305	1,440,415	1,439,525	2,369,635
<b>TOTAL</b>	<b>\$ 1,670,532</b>	<b>\$ 1,884,820</b>	<b>\$ 2,044,100</b>	<b>\$ 2,043,205</b>	<b>\$ 3,019,965</b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**507 BUFFALO CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
420000-4008 - Forney	\$ 225,252	\$ 186,760	\$ 158,932	\$ 289,698	\$ 428,401
420000-4011 - Heath	613,611	632,827	702,196	549,297	812,291
420000-4021 - Rockwall	830,782	1,062,314	1,181,571	1,200,721	1,775,608
Total	<u>\$ 1,669,645</u>	<u>\$ 1,881,901</u>	<u>\$ 2,042,700</u>	<u>\$ 2,039,715</u>	<u>\$ 3,016,300</u>
	-	-	-	-	-
Annual Flow (1,000):					
Forney	192,975	126,413	95,737	220,992	223,202
Heath	525,694	428,364	422,986	419,024	423,214
Rockwall	711,750	719,080	711,750	915,954	925,114
Total	<u>1,430,419</u>	<u>1,273,857</u>	<u>1,230,473</u>	<u>1,555,970</u>	<u>1,571,530</u>

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**507 BUFFALO CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Interceptor Facilities	\$ 1,669,645	\$ 1,881,901	\$ 2,042,700	\$ 2,039,715	\$ 3,016,300
Total	1,669,645	1,881,901	2,042,700	2,039,715	3,016,300
Other Charges:					
Other	462	789	-	-	-
Total	462	789	-	-	-
Interest Income	424	2,129	1,400	3,490	3,665
Total	<u>\$ 1,670,532</u>	<u>\$ 1,884,820</u>	<u>\$ 2,044,100</u>	<u>\$ 2,043,205</u>	<u>\$ 3,019,965</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	10,626	-	-	-
Other	214	5,137	-	-	-
Total	214	15,763	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	27,153	102,598	103,500	88,900	106,150
Other	21,859	12,949	16,865	18,035	52,890
Total	49,011	115,547	120,365	106,935	159,040
Services:					
Power	54,906	39,220	43,200	58,280	43,900
Other	130,130	265,985	295,120	293,465	332,390
Total	185,036	305,205	338,320	351,745	376,290
Capital Outlay	-	-	30,000	30,000	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Preventive Maintenance	-	-	115,000	115,000	115,000
Total	-	-	115,000	115,000	115,000
Capital Improvement Fund	-	-	-	-	-
Debt Service	1,436,270	1,448,305	1,440,415	1,439,525	2,369,635
Special Projects	-	-	-	-	-
Total	<u>\$ 1,670,532</u>	<u>\$ 1,884,820</u>	<u>\$ 2,044,100</u>	<u>\$ 2,043,205</u>	<u>\$ 3,019,965</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>



**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**EXPENDITURE SUMMARY**

**508 MCKINNEY INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ -	\$ 75	\$ 435	\$ 435	\$ 2,935
SERVICES	775	1,856	1,975	1,975	29,560
ESCROW	-	4,750	4,880	4,880	171,880
<b>TOTAL</b>	<b>\$ 775</b>	<b>\$ 6,681</b>	<b>\$ 7,290</b>	<b>\$ 7,290</b>	<b>\$ 204,375</b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**508 MCKINNEY INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Interceptor Facilities	\$ 751	\$ 6,619	\$ 7,235	\$ 7,255	\$ 204,335
Total	751	6,619	7,235	7,255	204,335
Other Charges:					
Other	8	7	-	-	-
Total	8	7	-	-	-
Interest Income	16	54	55	35	40
Total	<u>\$ 775</u>	<u>\$ 6,681</u>	<u>\$ 7,290</u>	<u>\$ 7,290</u>	<u>\$ 204,375</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	75	435	435	2,935
Total	-	75	435	435	2,935
Services:					
Power	315	315	350	350	350
Other	460	1,540	1,625	1,625	29,210
Total	775	1,856	1,975	1,975	29,560
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	4,750	4,880	4,880	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	-	-	171,880
Total	-	4,750	4,880	4,880	171,880
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 775</u>	<u>\$ 6,681</u>	<u>\$ 7,290</u>	<u>\$ 7,290</u>	<u>\$ 204,375</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****509 MUSTANG CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ -	\$ 459	\$ 3,815	\$ 2,285	\$ 6,315
SERVICES	4,931	8,546	9,070	13,885	42,005
ESCROW	5,000	32,895	33,880	33,880	89,730
CAPITAL IMPROVEMENT FUND	-	-	-	513,000	-
DEBT SERVICE	569,260	564,760	572,785	59,770	1,542,535
<b>TOTAL</b>	<b>\$ 579,191</b>	<b>\$ 606,660</b>	<b>\$ 619,550</b>	<b>\$ 622,820</b>	<b>\$ 1,680,585</b>

**DESCRIPTION**

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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**509 MUSTANG CREEK INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Interceptor Facilities	\$ 579,075	\$ 605,786	\$ 619,285	\$ 616,510	\$ 1,677,240
Total	579,075	605,786	619,285	616,510	1,677,240
Other Charges:					
Reserve for Maintenance	-	-	-	3,125	-
Other	-	518	-	-	-
Total	-	518	-	3,125	-
Interest Income	116	357	265	3,185	3,345
 Total	<u>\$ 579,191</u>	<u>\$ 606,660</u>	<u>\$ 619,550</u>	<u>\$ 622,820</u>	<u>\$ 1,680,585</u>
 <b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	459	3,815	2,285	6,315
Total	-	459	3,815	2,285	6,315
Services:					
Power	-	-	-	-	-
Other	4,931	8,546	9,070	13,885	42,005
Total	4,931	8,546	9,070	13,885	42,005
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	5,000	-	-	-	-
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	32,895	33,880	33,880	89,730
Total	5,000	32,895	33,880	33,880	89,730
Capital Improvement Fund	-	-	-	513,000	-
Debt Service	569,260	564,760	572,785	59,770	1,542,535
Special Projects	-	-	-	-	-
 Total	<u>\$ 579,191</u>	<u>\$ 606,660</u>	<u>\$ 619,550</u>	<u>\$ 622,820</u>	<u>\$ 1,680,585</u>
 Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**EXPENDITURE SUMMARY**

**510 PARKER CREEK PARALLEL INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ -	\$ -	\$ 500	\$ 395	\$ 4,025
SERVICES	-	1,524	8,865	9,260	11,005
ESCROW	-	-	2,000	2,000	38,500
DEBT SERVICE	77,000	175,450	179,110	179,115	70,510
<b>TOTAL</b>	<b>\$ 77,000</b>	<b>\$ 176,974</b>	<b>\$ 190,475</b>	<b>\$ 190,770</b>	<b>\$ 124,040</b>

**DESCRIPTION**

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

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**510 PARKER CREEK PARALLEL INTERCEPTOR**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Sewer Sales:					
Interceptor Facilities	\$ 77,000	\$ 176,842	\$ 190,370	\$ 190,510	\$ 123,765
Total	77,000	176,842	190,370	190,510	123,765
Interest Income	-	132	105	260	275
Total	<u>\$ 77,000</u>	<u>\$ 176,974</u>	<u>\$ 190,475</u>	<u>\$ 190,770</u>	<u>\$ 124,040</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	500	395	4,025
Total	-	-	500	395	4,025
Services:					
Power	-	-	-	-	-
Other	-	1,524	8,865	9,260	11,005
Total	-	1,524	8,865	9,260	11,005
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	30,000
Equipment Replacement	-	-	-	-	-
Preventive Maintenance	-	-	2,000	2,000	8,500
Total	-	-	2,000	2,000	38,500
Capital Improvement Fund	-	-	-	-	-
Debt Service	77,000	175,450	179,110	179,115	70,510
Special Projects	-	-	-	-	-
Total	<u>\$ 77,000</u>	<u>\$ 176,974</u>	<u>\$ 190,475</u>	<u>\$ 190,770</u>	<u>\$ 124,040</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****601 SMALL WASTEWATER TREATMENT PLANTS**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ -	\$ -	\$ -	\$ -	\$ -
SERVICES	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-
ESCROW	-	-	-	-	-
DEBT SERVICE	-	-	-	-	-
RECOVERIES	-	-	-	-	-
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**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.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**601 SMALL WASTEWATER TREATMENT PLANTS**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Total	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	-	-	-	-	-
Other	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:					
Fuel	22,626	21,385	31,925	31,455	28,420
Chemicals	-	-	-	-	-
Other	(22,626)	(21,385)	(31,925)	(31,455)	(28,420)
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Services:					
Power	-	-	-	-	-
Other	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>



**2018-2019 ANNUAL BUDGET****SEWER SYSTEM****EXPENDITURE SUMMARY****604 WASTEWATER PRETREATMENT PROGRAM**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 569,081	\$ 591,426	\$ 649,595	\$ 666,500	\$ 703,965
SUPPLIES	46,657	30,256	55,155	55,155	55,370
SERVICES	159,676	261,043	244,310	244,310	265,715
<b>TOTAL</b>	<b>\$ 775,415</b>	<b>\$ 882,725</b>	<b>\$ 949,060</b>	<b>\$ 965,965</b>	<b>\$ 1,025,050</b>

**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. Charges for services are paid by cities that have industries regulated under the pretreatment program.

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**604 WASTEWATER PRETREATMENT PROGRAM**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
420000-4001 - Allen	\$ 39,389	\$ 53,579	\$ 80,657	\$ 66,693	\$ 74,995
420000-4008 - Forney	24,877	37,951	40,328	42,874	44,997
420000-4009 - Frisco	12,439	13,395	13,443	14,291	14,999
420000-4014 - McKinney	145,118	173,014	192,680	196,506	212,486
420000-4015 - Mesquite	186,580	200,919	201,641	214,370	224,986
420000-4018 - Plano	26,950	29,022	29,126	30,965	32,498
420000-4021 - Rockwall	25,914	44,649	53,771	57,165	59,996
420000-4026 - Seagoville	37,316	40,184	40,328	42,874	44,997
420000-4028 - Sunnyvale	24,877	26,789	26,886	28,583	29,998
420000-4029 - Terrell	155,483	167,433	168,035	178,642	187,488
420000-4031 - Wylie	76,705	82,600	100,820	90,512	94,995
Total	<u>\$ 755,648</u>	<u>\$ 869,535</u>	<u>\$ 947,715</u>	<u>\$ 963,475</u>	<u>\$ 1,022,435</u>
	-	-	-	-	-
User Months:					
Allen	38	48	72	56	60
Forney	24	34	36	36	36
Frisco	12	12	12	12	12
McKinney	140	155	172	165	170
Mesquite	180	180	180	180	180
Plano	26	26	26	26	26
Rockwall	25	40	48	48	48
Seagoville	36	36	36	36	36
Sunnyvale	24	24	24	24	24
Terrell	150	150	150	150	150
Wylie	74	74	90	76	76
Total	<u>729</u>	<u>779</u>	<u>846</u>	<u>809</u>	<u>818</u>

**2018-2019 ANNUAL BUDGET**

**SEWER SYSTEM**

**DETAIL LISTING**

**604 WASTEWATER PRETREATMENT PROGRAM**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Pretreatment	\$ 755,648	\$ 869,535	\$ 947,715	\$ 963,475	\$ 1,022,435
Other	19,191	11,500	-	-	-
Total	774,839	881,035	947,715	963,475	1,022,435
Interest Income	576	1,691	1,345	2,490	2,615
Total	<u>\$ 775,415</u>	<u>\$ 882,725</u>	<u>\$ 949,060</u>	<u>\$ 965,965</u>	<u>\$ 1,025,050</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	408,347	409,968	450,140	452,760	472,600
Other	160,734	181,458	199,455	213,740	231,365
Total	569,081	591,426	649,595	666,500	703,965
Supplies:					
Fuel	2,650	3,571	6,840	6,840	6,840
Chemicals	-	-	-	-	-
Other	44,007	26,685	48,315	48,315	48,530
Total	46,657	30,256	55,155	55,155	55,370
Services:					
Power	-	-	-	-	-
Other	159,676	261,043	244,310	244,310	265,715
Total	159,676	261,043	244,310	244,310	265,715
Capital Outlay	-	-	-	-	-
Escrow:					
Reserve for Maintenance	-	-	-	-	-
Equipment Replacement	-	-	-	-	-
Total	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 775,415</u>	<u>\$ 882,725</u>	<u>\$ 949,060</u>	<u>\$ 965,965</u>	<u>\$ 1,025,050</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018 - 2019 ANNUAL BUDGET**  
**REGIONAL WASTEWATER SYSTEM**

**2018 - 2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**TABLE OF CONTENTS**

<b>FUNCTION</b>		<b>PAGE</b>
	Budget Review	127
	Expenditure Comparison by Function and by Character	130
	Member City Charges	131
	Budget Summary	132
5080	Wilson Creek Wastewater Treatment Plant Summary	133
5090	Floyd Branch Wastewater Treatment Plant Summary	135
5100	Rowlett Creek Wastewater Treatment Plant Summary	137
5180	Mesquite Wastewater Treatment Plant Summary	139
5999	Debt Service Summary	141

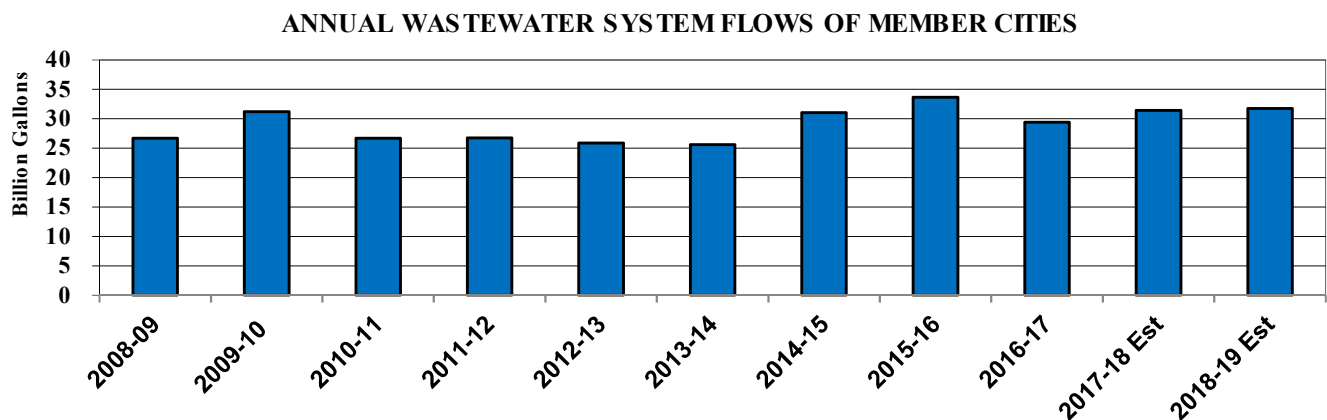
# 2018-2019 ANNUAL BUDGET

## REGIONAL WASTEWATER SYSTEM

### BUDGET REVIEW

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 83.6 mgd. Member City annual flows for 2017-18 are estimated to be 31.4 billion gallons and Member City annual flows for 2018-19 are estimated to be 31.7 billion gallons. Member City wastewater flow information is presented below.



#### **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 70.8% of total capacity.

In 2018-19 the District is planning to issue \$44.4 million of revenue bonds to fund various system improvements including process optimization improvements at the Floyd Branch WWTP and South Mesquite Regional WWTP Solids Handling improvements.

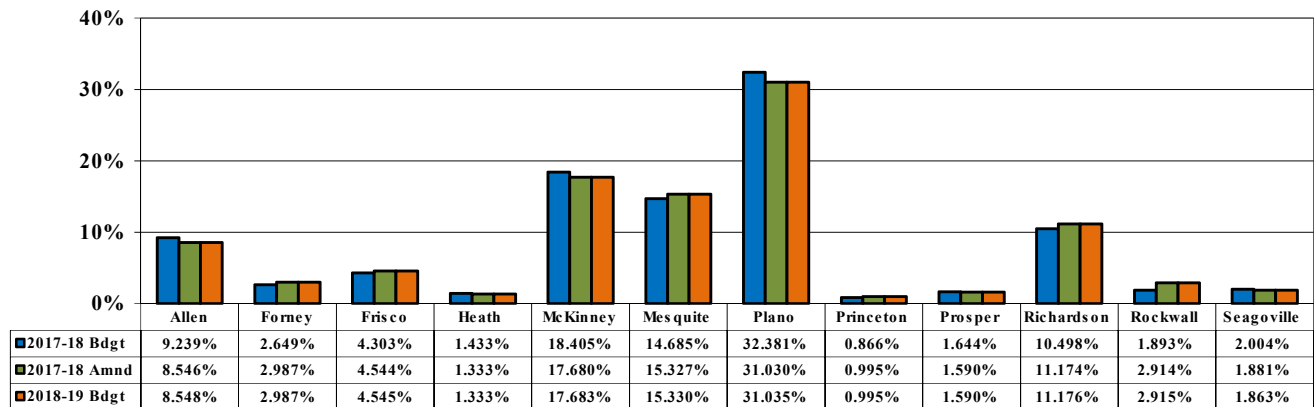
#### **Charges for Service**

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

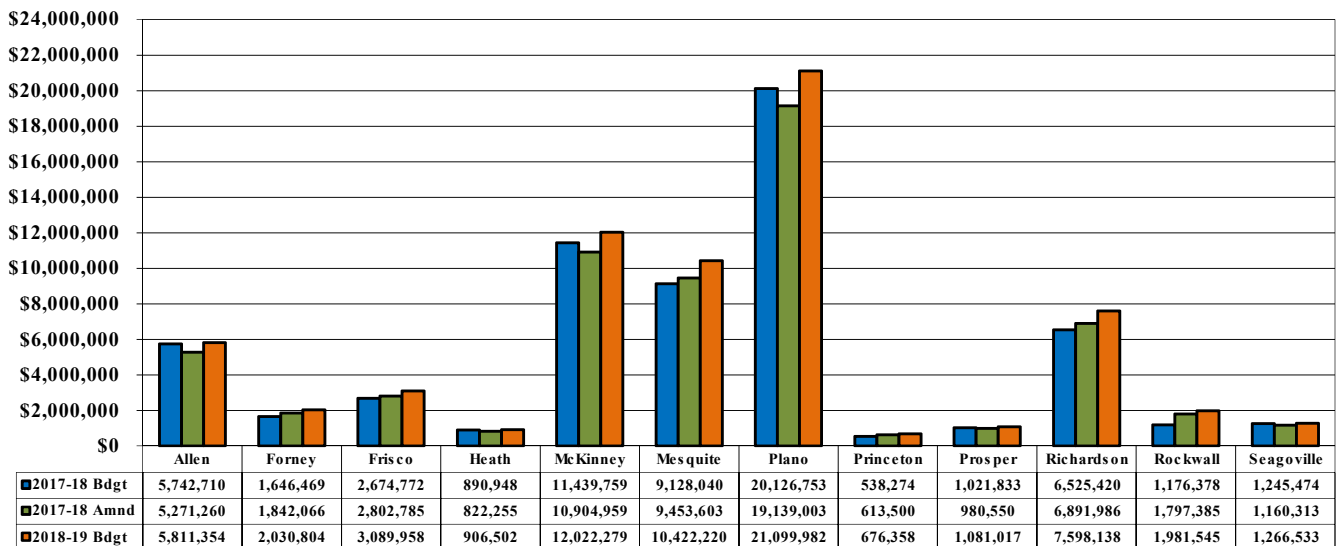
four regional plants. Charges are based on current budgeted expenditures and are allocated to each city at the beginning of the year based on estimated flows. At the end of the year the actual cost for each city is determined based on actual flows and final billings are adjusted accordingly.

The total charges to be allocated to the cities for 2018-19 are \$67,986,690 after deducting interest income and other revenue in the estimated amount of \$2,671,620 from the proposed budget of \$70,658,310. Cost allocations and charges by city for the 2017-18 Original Budget, 2017-18 Amended Budget and 2018-19 Budget are presented below.

#### WASTEWATER SYSTEM COST ALLOCATION



#### WASTEWATER SYSTEM CITY CHARGES



#### Budget Review

The 2017-18 Amended Budget is \$221,780 or 0.34% less than the 2017-18 Original Budget. This decrease is primarily the result savings in personnel of \$226,610 due to timing of filling vacant positions.

Expenditures in the amount of \$70,658,310 are requested for the 2018-19 Budget, which is \$6,158,985 or 9.5% more than the 2017-18 Original Budget. This increase is primarily the result of additional debt service costs of \$1,892,820 associated with the issuance of \$44.4 million in revenue bonds in 2018-19, an increase in electrical power of \$287,600, and an increase in sludge disposal fees and electrical system maintenance activities of \$1,381,240. This also includes \$700,000 for a Maintenance Management Study of Vertical Assets and preparation of a SCADA Masterplan along with \$551,500 for plant and lift station rehabilitation due to aging equipment. Reserve for Maintenance Funds increased by \$432,750 for unforeseen emergencies, Preventive Maintenance Escrow Funds by \$200,000, and Capital Improvement Fund by \$750,000 for future capital projects.



# 2018-2019 ANNUAL BUDGET

## REGIONAL WASTEWATER SYSTEM

### EXPENDITURE COMPARISON

#### BY FUNCTION AND BY CHARACTER

	2015-16 ACTUAL	2016-17 ACTUAL	2017-18 BUDGET	2017-18 AMENDED	2018-19 PROPOSED
<b>BY FUNCTION</b>					
5080 WILSON CREEK WWTP	\$ 17,643,016	\$ 17,626,940	\$ 18,158,095	\$ 18,297,170	\$ 19,248,335
5090 FLOYD BRANCH WWTP	1,822,250	1,616,775	1,767,100	1,741,405	1,858,680
5100 ROWLETT CREEK WWTP	6,789,329	6,631,586	7,709,535	7,443,625	8,438,630
5180 MESQUITE WWTP	9,777,214	9,682,872	10,296,590	10,229,710	11,269,090
5999 DEBT SERVICE	18,864,900	22,694,985	26,568,005	26,565,635	29,843,575
<b>TOTAL</b>	<b>\$ 54,896,710</b>	<b>\$ 58,253,157</b>	<b>\$ 64,499,325</b>	<b>\$ 64,277,545</b>	<b>\$ 70,658,310</b>

#### BY CHARACTER

PERSONNEL	\$ 10,283,213	\$ 10,869,987	\$ 11,780,880	\$ 11,554,270	\$ 12,312,805
SUPPLIES	8,210,150	7,943,863	8,265,515	8,425,860	8,643,365
SERVICES	15,404,745	15,861,834	16,261,425	16,057,380	17,930,265
CAPITAL OUTLAY	2,133,701	882,488	1,623,500	1,674,400	1,928,300
ESCROW	100,000	-	-	-	632,750
CAPITAL IMPROVEMENT FUND	630,630	-	-	-	750,000
DEBT SERVICE	18,134,270	22,694,985	26,568,005	26,565,635	28,460,825
SPECIAL PROJECTS	-	-	-	-	-
<b>TOTAL</b>	<b>\$ 54,896,710</b>	<b>\$ 58,253,157</b>	<b>\$ 64,499,325</b>	<b>\$ 64,277,545</b>	<b>\$ 70,658,310</b>

**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**MEMBER CITY CHARGES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Member City Charges:</u></b>					
Allen	\$ 4,561,141	\$ 5,054,815	\$ 5,742,710	\$ 5,271,260	\$ 5,811,354
Forney	1,522,571	1,581,689	1,646,469	1,842,066	2,030,804
Frisco	2,025,456	2,503,674	2,674,772	2,802,785	3,089,958
Heath	811,786	817,993	890,948	822,255	906,502
McKinney	9,614,868	10,055,202	11,439,759	10,904,959	12,022,279
Mesquite	7,968,638	8,342,185	9,128,040	9,453,603	10,422,220
Plano	16,653,164	17,994,200	20,126,753	19,139,003	21,099,982
Princeton	442,887	514,418	538,274	613,500	676,358
Prosper	733,680	908,037	1,021,833	980,550	1,081,017
Richardson	5,688,739	5,929,765	6,525,420	6,891,986	7,598,138
Rockwall	1,083,525	1,373,136	1,176,378	1,797,385	1,981,545
Seagoville	913,097	1,129,131	1,245,474	1,160,313	1,266,533
<b>Total</b>	<b>\$ 52,019,552</b>	<b>\$ 56,204,243</b>	<b>\$ 62,156,830</b>	<b>\$ 61,679,665</b>	<b>\$ 67,986,690</b>
	-	-	-	-	-
Cost per 1,000	\$ 1.54	\$ 1.91	\$ 2.11	\$ 1.96	\$ 2.14

**Flows (1,000):**

Allen	2,953,688	2,647,091	2,726,407	2,686,254	2,713,117
Forney	985,981	828,294	781,677	938,724	948,111
Frisco	1,311,638	1,311,117	1,269,874	1,428,310	1,442,593
Heath	525,694	428,364	422,986	419,024	423,214
McKinney	6,226,363	5,265,679	5,431,136	5,557,208	5,612,780
Mesquite	5,160,303	4,368,611	4,333,625	4,817,592	4,865,768
Plano	10,784,198	9,423,151	9,555,370	9,753,308	9,850,841
Princeton	286,803	269,389	255,551	312,642	315,768
Prosper	475,114	475,518	485,125	499,692	504,689
Richardson	3,683,894	3,105,282	3,098,006	3,512,182	3,547,304
Rockwall	701,665	719,080	558,497	915,954	925,114
Seagoville	591,300	591,300	591,300	591,300	591,300
<b>Total</b>	<b>33,686,641</b>	<b>29,432,876</b>	<b>29,509,554</b>	<b>31,432,190</b>	<b>31,740,599</b>

**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**BUDGET SUMMARY**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Wastewater Sales:					
Members	\$ 52,019,552	\$ 56,204,243	\$ 62,156,830	\$ 61,679,665	\$ 67,986,690
Customers	2,237,238	1,333,326	1,721,500	1,847,830	2,037,170
Total	54,256,789	57,537,569	63,878,330	63,527,495	70,023,860
Other Charges:					
Other	615,427	668,429	580,470	631,995	571,735
Total	615,427	668,429	580,470	631,995	571,735
Interest Income	24,493	47,159	40,525	118,055	62,715
Total	<u>\$ 54,896,710</u>	<u>\$ 58,253,157</u>	<u>\$ 64,499,325</u>	<u>\$ 64,277,545</u>	<u>\$ 70,658,310</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	6,966,529	7,221,964	8,081,040	7,748,160	8,436,090
Other	3,316,684	3,648,024	3,699,840	3,806,110	3,876,715
Total	10,283,213	10,869,987	11,780,880	11,554,270	12,312,805
Supplies:					
Fuel	435,262	376,775	593,690	493,690	562,170
Chemicals	4,852,383	4,390,856	4,886,285	4,906,330	5,044,645
Other	2,922,505	3,176,231	2,785,540	3,025,840	3,036,550
Total	8,210,150	7,943,863	8,265,515	8,425,860	8,643,365
Services:					
Power	2,788,573	2,485,553	2,960,000	2,894,500	3,247,600
Other	12,616,172	13,376,281	13,301,425	13,162,880	14,682,665
Total	15,404,745	15,861,834	16,261,425	16,057,380	17,930,265
Capital Outlay	2,133,701	882,488	1,623,500	1,674,400	1,928,300
Escrow:					
Reserve for Maintenance	100,000	-	-	-	432,750
Preventive Maintenance	-	-	-	-	200,000
Capital Improvement Fund	630,630	-	-	-	750,000
Debt Service	18,134,270	22,694,985	26,568,005	26,565,635	28,460,825
Special Projects	-	-	-	-	-
Total	<u>\$ 54,896,710</u>	<u>\$ 58,253,157</u>	<u>\$ 64,499,325</u>	<u>\$ 64,277,545</u>	<u>\$ 70,658,310</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**EXPENDITURE SUMMARY**

**5080 WILSON CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 4,822,855	\$ 5,047,974	\$ 5,347,245	\$ 5,208,325	\$ 5,679,650
SUPPLIES	4,424,248	4,104,653	4,235,930	4,361,075	4,519,895
SERVICES	7,315,203	8,170,074	7,954,920	8,107,770	8,183,690
CAPITAL OUTLAY	1,080,710	304,239	620,000	620,000	865,100
<b>TOTAL</b>	<b>\$ 17,643,016</b>	<b>\$ 17,626,940</b>	<b>\$ 18,158,095</b>	<b>\$ 18,297,170</b>	<b>\$ 19,248,335</b>

**DESCRIPTION**

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

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

**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**DETAIL LISTING**

**5080 WILSON CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
Personnel:					
Salaries & Wages	\$ 3,221,826	\$ 3,310,869	\$ 3,672,670	\$ 3,506,415	\$ 3,904,555
Other	1,601,029	1,737,105	1,674,575	1,701,910	1,775,095
Total	<u>4,822,855</u>	<u>5,047,974</u>	<u>5,347,245</u>	<u>5,208,325</u>	<u>5,679,650</u>
Supplies:					
Fuel	263,523	228,952	370,915	270,915	376,110
Chemicals	2,720,836	2,378,360	2,535,075	2,539,120	2,800,575
Other	1,439,890	1,497,342	1,329,940	1,551,040	1,343,210
Total	<u>4,424,248</u>	<u>4,104,653</u>	<u>4,235,930</u>	<u>4,361,075</u>	<u>4,519,895</u>
Services:					
Power	1,176,750	1,107,793	1,270,000	1,270,000	1,618,500
Other	6,138,453	7,062,281	6,684,920	6,837,770	6,565,190
Total	<u>7,315,203</u>	<u>8,170,074</u>	<u>7,954,920</u>	<u>8,107,770</u>	<u>8,183,690</u>
Capital Outlay	1,080,710	304,239	620,000	620,000	865,100
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u><u>\$ 17,643,016</u></u>	<u><u>\$ 17,626,940</u></u>	<u><u>\$ 18,158,095</u></u>	<u><u>\$ 18,297,170</u></u>	<u><u>\$ 19,248,335</u></u>

**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**EXPENDITURE SUMMARY**

**5090 FLOYD BRANCH WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 606,457	\$ 694,204	\$ 762,215	\$ 736,755	\$ 694,330
SUPPLIES	208,571	197,562	247,640	211,540	321,035
SERVICES	892,277	690,641	757,245	793,110	843,315
CAPITAL OUTLAY	114,946	34,368	-	-	-
<b>TOTAL</b>	<b>\$ 1,822,250</b>	<b>\$ 1,616,775</b>	<b>\$ 1,767,100</b>	<b>\$ 1,741,405</b>	<b>\$ 1,858,680</b>

**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

**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**DETAIL LISTING**

**5090 FLOYD BRANCH WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
Personnel:					
Salaries & Wages	\$ 420,975	\$ 481,383	\$ 509,590	\$ 486,320	\$ 480,005
Other	185,482	212,821	252,625	250,435	214,325
Total	<u>606,457</u>	<u>694,204</u>	<u>762,215</u>	<u>736,755</u>	<u>694,330</u>
Supplies:					
Fuel	3,199	3,787	4,850	4,850	4,860
Chemicals	49,083	39,879	51,375	61,375	52,525
Other	156,289	153,896	191,415	145,315	263,650
Total	<u>208,571</u>	<u>197,562</u>	<u>247,640</u>	<u>211,540</u>	<u>321,035</u>
Services:					
Power	147,615	137,559	165,000	165,000	148,300
Other	744,662	553,082	592,245	628,110	695,015
Total	<u>892,277</u>	<u>690,641</u>	<u>757,245</u>	<u>793,110</u>	<u>843,315</u>
Capital Outlay	114,946	34,368	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u><u>\$ 1,822,250</u></u>	<u><u>\$ 1,616,775</u></u>	<u><u>\$ 1,767,100</u></u>	<u><u>\$ 1,741,405</u></u>	<u><u>\$ 1,858,680</u></u>

**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**EXPENDITURE SUMMARY**

**5100 ROWLETT CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 1,874,135	\$ 2,015,496	\$ 2,273,455	\$ 2,241,360	\$ 2,384,415
SUPPLIES	1,556,523	1,551,353	1,736,445	1,802,445	1,801,670
SERVICES	3,012,874	2,724,386	3,446,135	3,110,420	3,963,045
CAPITAL OUTLAY	345,797	340,351	253,500	289,400	289,500
<b>TOTAL</b>	<b>\$ 6,789,329</b>	<b>\$ 6,631,586</b>	<b>\$ 7,709,535</b>	<b>\$ 7,443,625</b>	<b>\$ 8,438,630</b>

**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



**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**DETAIL LISTING**

**5100 ROWLETT CREEK WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
Personnel:					
Salaries & Wages	\$ 1,257,636	\$ 1,311,132	\$ 1,555,270	\$ 1,484,710	\$ 1,594,225
Other	616,499	704,364	718,185	756,650	790,190
Total	<u>1,874,135</u>	<u>2,015,496</u>	<u>2,273,455</u>	<u>2,241,360</u>	<u>2,384,415</u>
Supplies:					
Fuel	74,450	59,862	101,385	101,385	93,755
Chemicals	936,399	864,468	1,145,695	1,145,695	1,177,615
Other	545,674	627,022	489,365	555,365	530,300
Total	<u>1,556,523</u>	<u>1,551,353</u>	<u>1,736,445</u>	<u>1,802,445</u>	<u>1,801,670</u>
Services:					
Power	651,936	578,715	690,000	690,000	613,000
Other	2,360,937	2,145,671	2,756,135	2,420,420	3,350,045
Total	<u>3,012,874</u>	<u>2,724,386</u>	<u>3,446,135</u>	<u>3,110,420</u>	<u>3,963,045</u>
Capital Outlay	345,797	340,351	253,500	289,400	289,500
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u><u>\$ 6,789,329</u></u>	<u><u>\$ 6,631,586</u></u>	<u><u>\$ 7,709,535</u></u>	<u><u>\$ 7,443,625</u></u>	<u><u>\$ 8,438,630</u></u>

**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**EXPENDITURE SUMMARY**

**5180 MESQUITE WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 2,979,766	\$ 3,112,314	\$ 3,397,965	\$ 3,367,830	\$ 3,554,410
SUPPLIES	2,020,808	2,090,294	2,045,500	2,050,800	2,000,765
SERVICES	4,184,391	4,276,733	4,103,125	4,046,080	4,940,215
CAPITAL OUTLAY	592,249	203,530	750,000	765,000	773,700
<b>TOTAL</b>	<b>\$ 9,777,214</b>	<b>\$ 9,682,872</b>	<b>\$ 10,296,590</b>	<b>\$ 10,229,710</b>	<b>\$ 11,269,090</b>

**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

**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**DETAIL LISTING**

**5180 MESQUITE WASTEWATER TREATMENT PLANT**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
Personnel:					
Salaries & Wages	\$ 2,066,093	\$ 2,118,580	\$ 2,343,510	\$ 2,270,715	\$ 2,457,305
Other	913,674	993,734	1,054,455	1,097,115	1,097,105
Total	<u>2,979,766</u>	<u>3,112,314</u>	<u>3,397,965</u>	<u>3,367,830</u>	<u>3,554,410</u>
Supplies:					
Fuel	94,090	84,175	116,540	116,540	87,445
Chemicals	1,146,066	1,108,149	1,154,140	1,160,140	1,013,930
Other	780,652	897,970	774,820	774,120	899,390
Total	<u>2,020,808</u>	<u>2,090,294</u>	<u>2,045,500</u>	<u>2,050,800</u>	<u>2,000,765</u>
Services:					
Power	812,272	661,486	835,000	769,500	867,800
Other	3,372,120	3,615,247	3,268,125	3,276,580	4,072,415
Total	<u>4,184,391</u>	<u>4,276,733</u>	<u>4,103,125</u>	<u>4,046,080</u>	<u>4,940,215</u>
Capital Outlay	592,249	203,530	750,000	765,000	773,700
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u><u>\$ 9,777,214</u></u>	<u><u>\$ 9,682,872</u></u>	<u><u>\$ 10,296,590</u></u>	<u><u>\$ 10,229,710</u></u>	<u><u>\$ 11,269,090</u></u>

**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**EXPENDITURE SUMMARY**

**5999 DEBT SERVICE**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
ESCROW	\$ 100,000	\$ -	\$ -	\$ -	\$ 632,750
CAPITAL IMPROVEMENT FUND	630,630	-	-	-	750,000
DEBT SERVICE	<u>18,134,270</u>	<u>22,694,985</u>	<u>26,568,005</u>	<u>26,565,635</u>	<u>28,460,825</u>
<b>TOTAL</b>	<b><u>\$ 18,864,900</u></b>	<b><u>\$ 22,694,985</u></b>	<b><u>\$ 26,568,005</u></b>	<b><u>\$ 26,565,635</u></b>	<b><u>\$ 29,843,575</u></b>

**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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL WASTEWATER SYSTEM**

**DETAIL LISTING**

**5999 DEBT SERVICE**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Escrow:					
Reserve for Maintenance	\$ 100,000	\$ -	\$ -	\$ -	\$ 432,750
Preventive Maintenance	-	-	-	-	200,000
Capital Improvement Fund	630,630	-	-	-	750,000
Debt Service	18,134,270	22,694,985	26,568,005	26,565,635	28,460,825
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Total	<b><u>\$ 18,864,900</u></b>	<b><u>\$ 22,694,985</u></b>	<b><u>\$ 26,568,005</u></b>	<b><u>\$ 26,565,635</u></b>	<b><u>\$ 29,843,575</u></b>

**2018 - 2019 ANNUAL BUDGET**  
**REGIONAL SOLID WASTE SYSTEM**

**2018 - 2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**TABLE OF CONTENTS**

<b>FUNCTION</b>		<b>PAGE</b>
	Budget Review	145
	Expenditure Comparison by Function and by Character	147
	Member City Charges	148
	Budget Summary	149
5511	Lookout Transfer Station Summary	150
5512	Parkway Transfer Station Summary	152
5513	Custer Transfer Station Summary	154
5521	Maxwell Creek Landfill Summary	156
5522	McKinney Landfill Summary	158
5523	121 Regional Disposal Facilities Summary	160
5530	Fleet Maintenance Shop Summary	162
5999	Debt Service Summary	164

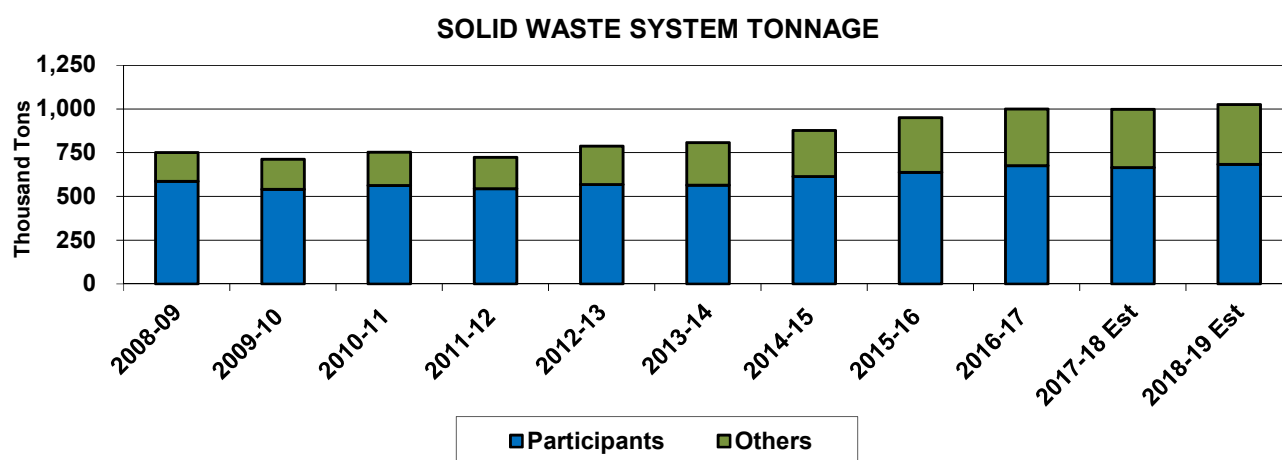
# 2018-2019 ANNUAL BUDGET

## REGIONAL SOLID WASTE SYSTEM

### BUDGET REVIEW

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 664,515 tons of waste will be received from the participating cities during 2017-18 and that the participating cities will deliver 682,790 tons to the District in 2018-19. Solid waste tonnage information is presented below.



#### Solid Waste Facilities

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

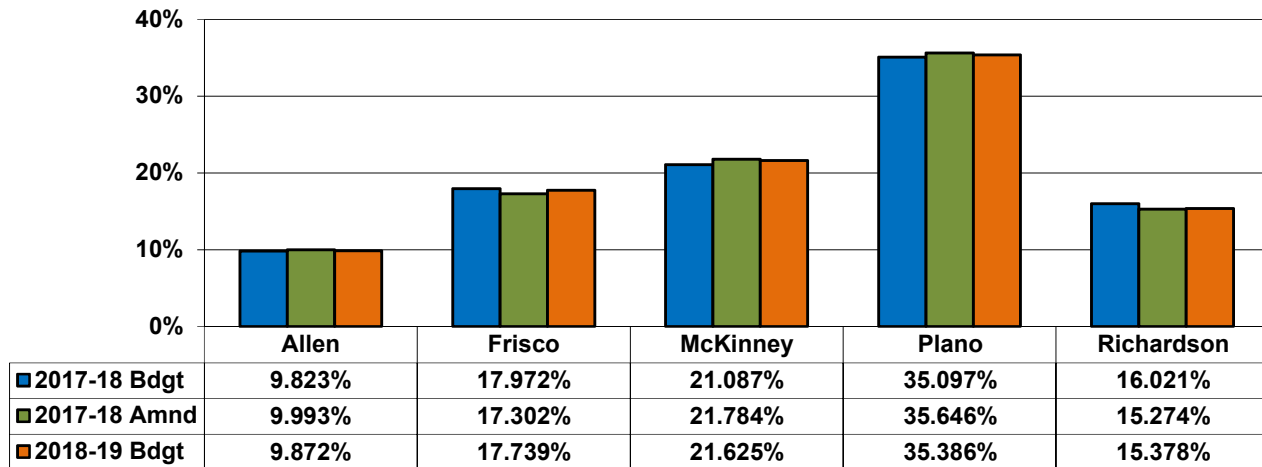
#### Charges for Service

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.

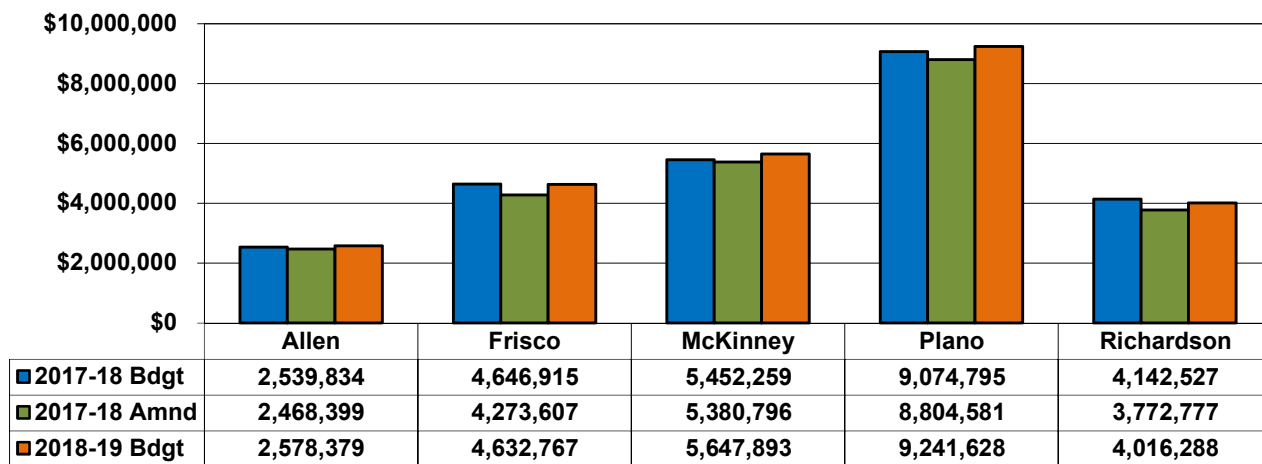


The total charges to be allocated to the cities for 2018-19 are \$26,116,955 after deducting interest and other revenue in the estimated amount of \$11,184,790 from the proposed budget of \$37,301,745. Cost allocations and charges by city for the 2017-18 Budget, 2017-18 Amended Budget and 2018-19 Budget are presented as follows:

#### SOLID WASTE SYSTEM COST ALLOCATION



#### SOLID WASTE SYSTEM CHARGES BY CITY



#### Budget Review

The 2017-18 Amended Budget for expenditures and revenues is \$472,265 or 1.3% less than the 2017-18 Original Budget.

Expenditures in the amount of \$37,301,745 are requested for the 2018-19 Budget, which are \$1,451,610 or 4.0% more than the 2017-18 Original Budget. This increase is primarily the net result of an increase in personnel of \$615,720, an increases in tires, tubes and road maintenance supplies of \$124,500. In addition, a transfer to the Capital Improvement Fund resulted in an increase of \$373,000 as well as an increase to debt service requirements of \$189,000.

# 2018-2019 ANNUAL BUDGET

## REGIONAL SOLID WASTE SYSTEM

### EXPENDITURE COMPARISON

#### BY FUNCTION AND BY CHARACTER

	2015-16 ACTUAL	2016-17 ACTUAL	2017-18 BUDGET	2017-18 AMENDED	2018-19 PROPOSED
<b>BY FUNCTION</b>					
5511 LOOKOUT TRANSFER STATION	\$ 3,404,180	\$ 3,930,295	\$ 3,300,770	\$ 3,447,280	\$ 3,428,700
5512 PARKWAY TRANSFER STATION	2,059,092	2,600,111	2,790,655	2,834,560	3,068,935
5513 CUSTER TRANSFER STATION	3,501,519	3,914,983	4,127,625	4,303,730	5,094,720
5521 MAXWELL CREEK LANDFILL	28,276	31,387	41,905	56,770	53,400
5522 MCKINNEY LANDFILL	95,308	136,272	132,010	132,770	139,320
5523 121 RDF LANDFILL	13,527,530	12,674,393	13,339,610	12,551,800	13,159,150
5530 FLEET MAINTENANCE SHOP	1,784,819	2,201,495	2,277,255	2,209,685	2,356,980
5999 DEBT SERVICE	6,812,820	9,495,865	9,840,305	9,841,275	10,000,540
<b>TOTAL</b>	<b>\$ 31,213,546</b>	<b>\$ 34,984,800</b>	<b>\$ 35,850,135</b>	<b>\$ 35,377,870</b>	<b>\$ 37,301,745</b>
<b>BY CHARACTER</b>					
PERSONNEL	\$ 9,875,230	\$ 10,762,629	\$ 10,760,760	\$ 10,819,070	\$ 11,376,480
SUPPLIES	3,667,086	3,324,008	4,222,740	3,683,925	4,593,275
SERVICES	6,502,720	7,022,577	6,259,730	6,526,705	6,593,950
CAPITAL OUTLAY	4,355,691	4,379,721	4,726,600	4,506,895	4,697,500
ESCROW	650,000	100,000	1,731,765	1,731,765	1,330,000
CAPITAL IMPROVEMENT FUND	980,000	3,779,500	1,360,000	1,360,000	1,733,000
DEBT SERVICE	5,182,820	5,616,365	6,748,540	6,749,510	6,937,540
SPECIAL PROJECTS	-	-	40,000	-	40,000
<b>TOTAL</b>	<b>\$ 31,213,546</b>	<b>\$ 34,984,800</b>	<b>\$ 35,850,135</b>	<b>\$ 35,377,870</b>	<b>\$ 37,301,745</b>

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**MEMBER CITY CHARGES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Member City Charges:</u></b>					
Allen	\$ 2,270,690	\$ 2,415,852	\$ 2,539,834	\$ 2,468,399	\$ 2,578,379
Frisco	3,846,652	4,095,082	4,646,915	4,273,607	4,632,767
McKinney	4,958,917	5,381,333	5,452,259	5,380,796	5,647,893
Plano	8,310,401	8,805,414	9,074,795	8,804,581	9,241,628
Richardson	3,926,383	3,971,490	4,142,527	3,772,777	4,016,288
Total	<u>\$ 23,313,045</u>	<u>\$ 24,669,171</u>	<u>\$ 25,856,330</u>	<u>\$ 24,700,160</u>	<u>\$ 26,116,955</u>
	-	-	-	-	-
Cost per Ton	\$ 36.62	\$ 37.92	\$ 38.25	\$ 37.17	\$ 38.25

**Billing Tons:**

Allen	62,009	63,712	66,408	66,408	67,408
Frisco	105,051	108,003	121,501	114,974	121,117
McKinney	135,425	141,923	142,558	144,761	147,656
Plano	226,949	232,227	237,275	236,872	241,609
Richardson	107,223	104,738	108,313	101,500	105,000
Total	<u>636,657</u>	<u>650,603</u>	<u>676,055</u>	<u>664,515</u>	<u>682,790</u>
	-	-	-	-	-

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**BUDGET SUMMARY**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Solid Waste Sales:					
Members	\$ 23,313,045	\$ 24,669,171	\$ 25,856,330	\$ 24,700,160	\$ 26,116,955
Customers	4,402,391	6,091,050	5,467,725	5,507,105	5,631,755
Total	27,715,436	30,760,220	31,324,055	30,207,265	31,748,710
Other Charges:					
Sludge Disposal	2,835,493	3,184,844	3,132,900	3,169,430	3,215,615
Composting	472,902	516,197	586,800	536,800	555,280
Other	181,312	501,028	787,750	1,408,685	1,749,930
Total	3,489,706	4,202,068	4,507,450	5,114,915	5,520,825
Interest Income	8,404	22,512	18,630	55,690	32,210
Total	<u>\$ 31,213,546</u>	<u>\$ 34,984,800</u>	<u>\$ 35,850,135</u>	<u>\$ 35,377,870</u>	<u>\$ 37,301,745</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	6,683,772	7,276,064	7,304,235	7,271,185	7,755,610
Other	3,191,457	3,486,565	3,456,525	3,547,885	3,620,870
Total	9,875,230	10,762,629	10,760,760	10,819,070	11,376,480
Supplies:					
Fuel	1,700,012	1,541,959	2,212,780	1,593,665	2,359,610
Chemicals	38,002	53,168	162,500	102,515	136,500
Other	1,929,073	1,728,880	1,847,460	1,987,745	2,097,165
Total	3,667,086	3,324,008	4,222,740	3,683,925	4,593,275
Services:					
Power	178,731	183,886	141,000	184,210	139,200
Other	6,323,988	6,838,692	6,118,730	6,342,495	6,454,750
Total	6,502,719	7,022,578	6,259,730	6,526,705	6,593,950
Capital Outlay	4,355,691	4,379,721	4,726,600	4,506,895	4,697,500
Escrow:					
Rsv for Maint	50,000	50,000	50,000	50,000	50,000
Equip Replacement	600,000	50,000	1,681,765	1,681,765	1,280,000
Total	650,000	100,000	1,731,765	1,731,765	1,330,000
Capital Improvement Fund	980,000	3,779,500	1,360,000	1,360,000	1,733,000
Debt Service	5,182,820	5,616,365	6,748,540	6,749,510	6,937,540
Special Projects	-	-	40,000	-	40,000
Total	<u>\$ 31,213,546</u>	<u>\$ 34,984,800</u>	<u>\$ 35,850,135</u>	<u>\$ 35,377,870</u>	<u>\$ 37,301,745</u>
Revenues Over / (Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018-2019 ANNUAL BUDGET****REGIONAL SOLID WASTE SYSTEM****EXPENDITURE SUMMARY****5511 LOOKOUT TRANSFER STATION**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 1,843,755	\$ 1,893,256	\$ 1,842,010	\$ 1,763,670	\$ 1,765,795
SUPPLIES	593,344	593,261	644,665	524,175	636,220
SERVICES	551,643	657,622	485,595	590,940	531,685
CAPITAL OUTLAY	415,438	786,156	323,500	568,495	490,000
SPECIAL PROJECTS	-	-	5,000	-	5,000
<b>TOTAL</b>	<b>\$ 3,404,180</b>	<b>\$ 3,930,295</b>	<b>\$ 3,300,770</b>	<b>\$ 3,447,280</b>	<b>\$ 3,428,700</b>

**DESCRIPTION**

The Lookout Drive Transfer Station is located at 1601 E. Lookout Drive in Richardson. Member City collected residential and commercial waste is delivered to this transfer station and loaded onto tractor-trailers via a top load operation and transported to the 121 Regional Disposal Facility. On August 14, 2017, the new top-load building became operational. The site is permitted to accept an average of 625 tons per day. Member City residents dispose of residential waste up to two times per month and a used motor oil and used oil filter drop off area allows residents to recycle these products.

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**DETAIL LISTING**

**5511 LOOKOUT TRANSFER STATION**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 1,256,061	\$ 1,314,368	\$ 1,299,970	\$ 1,220,465	\$ 1,215,260
Other	587,694	578,887	542,040	543,205	550,535
Total	<u>1,843,755</u>	<u>1,893,256</u>	<u>1,842,010</u>	<u>1,763,670</u>	<u>1,765,795</u>
Supplies:					
Fuel	328,988	285,131	389,790	264,365	359,520
Chemicals	9,750	5,708	10,000	15	8,000
Other	254,606	302,421	244,875	259,795	268,700
Total	<u>593,344</u>	<u>593,261</u>	<u>644,665</u>	<u>524,175</u>	<u>636,220</u>
Services:					
Power	23,777	18,214	30,000	30,000	30,000
Other	527,867	639,408.07	455,595	560,940	501,685
Total	<u>551,643</u>	<u>657,622.31</u>	<u>485,595</u>	<u>590,940</u>	<u>531,685</u>
Capital Outlay	415,438	786,156	323,500	568,495	490,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>5,000</u>	<u>-</u>	<u>5,000</u>
Total	<u><u>\$ 3,404,180</u></u>	<u><u>\$ 3,930,295</u></u>	<u><u>\$ 3,300,770</u></u>	<u><u>\$ 3,447,280</u></u>	<u><u>\$ 3,428,700</u></u>

**2018-2019 ANNUAL BUDGET****REGIONAL SOLID WASTE SYSTEM****EXPENDITURE SUMMARY****5512 PARKWAY TRANSFER STATION**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 1,207,331	\$ 1,317,322	\$ 1,299,350	\$ 1,347,185	\$ 1,733,765
SUPPLIES	463,067	515,699	482,445	494,400	702,200
SERVICES	388,694	420,316	373,860	395,435	477,970
CAPITAL OUTLAY	-	346,773	630,000	597,540	150,000
SPECIAL PROJECTS	-	-	5,000	-	5,000
<b>TOTAL</b>	<b>\$ 2,059,092</b>	<b>\$ 2,600,111</b>	<b>\$ 2,790,655</b>	<b>\$ 2,834,560</b>	<b>\$ 3,068,935</b>

**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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**DETAIL LISTING**

**5512 PARKWAY TRANSFER STATION**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 858,189	\$ 957,310	\$ 939,420	\$ 975,445	\$ 1,226,495
Other	349,143	360,012	359,930	371,740	507,270
Total	<u>1,207,331</u>	<u>1,317,322</u>	<u>1,299,350</u>	<u>1,347,185</u>	<u>1,733,765</u>
Supplies:					
Fuel	244,565	234,899	298,710	267,680	396,285
Chemicals	8,379	10,484	12,000	12,000	12,000
Other	210,123	270,316	171,735	214,720	293,915
Total	<u>463,067</u>	<u>515,699</u>	<u>482,445</u>	<u>494,400</u>	<u>702,200</u>
Services:					
Power	18,518	18,180	19,000	23,200	28,800
Other	370,176	402,136.16	354,860	372,235	449,170
Total	<u>388,694</u>	<u>420,316.38</u>	<u>373,860</u>	<u>395,435</u>	<u>477,970</u>
Capital Outlay	-	346,773	630,000	597,540	150,000
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>5,000</u>	<u>-</u>	<u>5,000</u>
Total	<u><u>\$ 2,059,092</u></u>	<u><u>\$ 2,600,111</u></u>	<u><u>\$ 2,790,655</u></u>	<u><u>\$ 2,834,560</u></u>	<u><u>\$ 3,068,935</u></u>



**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**EXPENDITURE SUMMARY**

**5513 CUSTER TRANSFER STATION**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 2,108,582	\$ 2,399,618	\$ 2,279,210	\$ 2,423,865	\$ 2,422,740
SUPPLIES	663,629	770,029	810,295	695,190	890,040
SERVICES	729,309	662,556	509,620	581,650	644,440
CAPITAL OUTLAY	-	82,780	523,500	603,025	1,132,500
SPECIAL PROJECTS	-	-	5,000	-	5,000
<b>TOTAL</b>	<b>\$ 3,501,519</b>	<b>\$ 3,914,983</b>	<b>\$ 4,127,625</b>	<b>\$ 4,303,730</b>	<b>\$ 5,094,720</b>

**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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**DETAIL LISTING**

**5513 CUSTER TRANSFER STATION**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 1,481,361	\$ 1,695,094	\$ 1,532,450	\$ 1,631,500	\$ 1,683,510
Other	627,221	704,523	746,760	792,365	739,230
Total	<u>2,108,582</u>	<u>2,399,618</u>	<u>2,279,210</u>	<u>2,423,865</u>	<u>2,422,740</u>
Supplies:					
Fuel	338,539	338,369	443,465	307,815	506,090
Chemicals	9,000	8,120	12,000	12,000	12,000
Other	316,089	423,541	354,830	375,375	371,950
Total	<u>663,629</u>	<u>770,029</u>	<u>810,295</u>	<u>695,190</u>	<u>890,040</u>
Services:					
Power	26,249	25,310	27,000	27,000	27,600
Other	703,060	637,246.43	482,620	554,650	616,840
Total	<u>729,309</u>	<u>662,556.25</u>	<u>509,620</u>	<u>581,650</u>	<u>644,440</u>
Capital Outlay	-	82,780	523,500	603,025	1,132,500
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>5,000</u>	<u>-</u>	<u>5,000</u>
Total	<u><u>\$ 3,501,519</u></u>	<u><u>\$ 3,914,983</u></u>	<u><u>\$ 4,127,625</u></u>	<u><u>\$ 4,303,730</u></u>	<u><u>\$ 5,094,720</u></u>

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**EXPENDITURE SUMMARY**

**5521 MAXWELL CREEK LANDFILL**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ 130	\$ -	\$ -	\$ -	\$ -
SERVICES	28,146	31,387	41,905	56,770	53,400
<b>TOTAL</b>	<b>\$ 28,276</b>	<b>\$ 31,387</b>	<b>\$ 41,905</b>	<b>\$ 56,770</b>	<b>\$ 53,400</b>

**DESCRIPTION**

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

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**DETAIL LISTING**

**5521 MAXWELL CREEK LANDFILL**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	130	-	-	-	-
Total	<u>130</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Services:					
Power	-	-	-	-	-
Other	28,146	31,387	41,905	56,770	53,400
Total	<u>28,146</u>	<u>31,386.50</u>	<u>41,905</u>	<u>56,770</u>	<u>53,400</u>
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u><u>\$ 28,276</u></u>	<u><u>\$ 31,387</u></u>	<u><u>\$ 41,905</u></u>	<u><u>\$ 56,770</u></u>	<u><u>\$ 53,400</u></u>

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**EXPENDITURE SUMMARY**

**5522 MCKINNEY LANDFILL**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
SUPPLIES	\$ 534	\$ 18,213	\$ 1,200	\$ 660	\$ 720
SERVICES	94,775	118,059	130,810	132,110	138,600
<b>TOTAL</b>	<b>\$ 95,308</b>	<b>\$ 136,272</b>	<b>\$ 132,010</b>	<b>\$ 132,770</b>	<b>\$ 139,320</b>

**DESCRIPTION**

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

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**DETAIL LISTING**

**5522 MCKINNEY LANDFILL**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-
Total	-	-	-	-	-
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	534	18,213	1,200	660	720
Total	534	18,213	1,200	660	720
Services:					
Power	178	258	12,000	4,000	1,800
Other	94,596	117,800.66	118,810	128,110	136,800
Total	94,775	118,059.04	130,810	132,110	138,600
Capital Outlay	-	-	-	-	-
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	-	-	-	-	-
Total	<u>\$ 95,308</u>	<u>\$ 136,272</u>	<u>\$ 132,010</u>	<u>\$ 132,770</u>	<u>\$ 139,320</u>

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**EXPENDITURE SUMMARY**

**5523 121 REGIONAL DISPOSAL FACILITY**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 3,349,617	\$ 3,489,682	\$ 3,560,130	\$ 3,568,680	\$ 3,612,010
SUPPLIES	1,837,519	1,286,659	2,163,590	1,851,185	2,227,190
SERVICES	4,493,936	4,851,964	4,431,090	4,401,410	4,428,900
CAPITAL OUTLAY	3,846,459	3,046,087	3,159,800	2,730,525	2,866,050
SPECIAL PROJECTS	-	-	25,000	-	25,000
<b>TOTAL</b>	<b>\$ 13,527,530</b>	<b>\$ 12,674,393</b>	<b>\$ 13,339,610</b>	<b>\$ 12,551,800</b>	<b>\$ 13,159,150</b>

**DESCRIPTION**

The 121 Regional Disposal Facility is located at 3820 Sam Rayburn Highway in Melissa. The landfill accepts approximately 3,800 tons of waste per day from the three District transfer stations, wastewater treatment plant biosolids from District WWTPs, and Non-Member City waste from the surrounding area. Member City residents dispose of residential waste up to two times per month and a used motor oil and used oil filter drop off area allows residents to recycle these products.

Composting activities performed by the City of Plano as contractor to the District also occur at the 121 RDF.

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**DETAIL LISTING**

**5523 121 REGIONAL DISPOSAL FACILITY**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 2,205,674	\$ 2,278,617	\$ 2,393,935	\$ 2,358,610	\$ 2,437,695
Other	1,143,943	1,211,066	1,166,195	1,210,070	1,174,315
Total	<u>3,349,617</u>	<u>3,489,682</u>	<u>3,560,130</u>	<u>3,568,680</u>	<u>3,612,010</u>
Supplies:					
Fuel	774,972	670,305	1,060,780	739,390	1,077,680
Chemicals	10,872	28,856	128,500	78,500	104,500
Other	1,051,674	587,499	974,310	1,033,295	1,045,010
Total	<u>1,837,519</u>	<u>1,286,659</u>	<u>2,163,590</u>	<u>1,851,185</u>	<u>2,227,190</u>
Services:					
Power	80,387	97,157	27,000	71,510	24,000
Other	4,413,549	4,754,806.90	4,404,090	4,329,900	4,404,900
Total	<u>4,493,936</u>	<u>4,851,963.94</u>	<u>4,431,090</u>	<u>4,401,410</u>	<u>4,428,900</u>
Capital Outlay	3,846,459	3,046,087	3,159,800	2,730,525	2,866,050
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>25,000</u>	<u>-</u>	<u>25,000</u>
Total	<u><u>\$ 13,527,530</u></u>	<u><u>\$ 12,674,393</u></u>	<u><u>\$ 13,339,610</u></u>	<u><u>\$ 12,551,800</u></u>	<u><u>\$ 13,159,150</u></u>



**2018-2019 ANNUAL BUDGET****REGIONAL SOLID WASTE SYSTEM****EXPENDITURE SUMMARY****5530 FLEET MAINTENANCE SHOP**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 1,365,945	\$ 1,662,751	\$ 1,780,060	\$ 1,715,670	\$ 1,842,170
SUPPLIES	108,863	140,146	120,545	118,315	136,905
SERVICES	216,217	280,673	286,850	368,390	318,955
CAPITAL OUTLAY	93,794	117,924	89,800	7,310	58,950
<b>TOTAL</b>	<b>\$ 1,784,819</b>	<b>\$ 2,201,495</b>	<b>\$ 2,277,255</b>	<b>\$ 2,209,685</b>	<b>\$ 2,356,980</b>

**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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**DETAIL LISTING**

**5530 FLEET MAINTENANCE SHOP**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ 882,488	\$ 1,030,674	\$ 1,138,460	\$ 1,085,165	\$ 1,192,650
Other	483,457	632,076	641,600	630,505	649,520
Total	<u>1,365,945</u>	<u>1,662,751</u>	<u>1,780,060</u>	<u>1,715,670</u>	<u>1,842,170</u>
Supplies:					
Fuel	12,947	13,256	20,035	14,415	20,035
Chemicals	-	-	-	-	-
Other	95,916	126,890	100,510	103,900	116,870
Total	<u>108,863</u>	<u>140,146</u>	<u>120,545</u>	<u>118,315</u>	<u>136,905</u>
Services:					
Power	29,623	24,766	26,000	28,500	27,000
Other	186,595	255,906.81	260,850	339,890	291,955
Total	<u>216,217</u>	<u>280,673.13</u>	<u>286,850</u>	<u>368,390</u>	<u>318,955</u>
Capital Outlay	93,794	117,924	89,800	7,310	58,950
Escrow	-	-	-	-	-
Debt Service	-	-	-	-	-
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u><u>\$ 1,784,819</u></u>	<u><u>\$ 2,201,495</u></u>	<u><u>\$ 2,277,255</u></u>	<u><u>\$ 2,209,685</u></u>	<u><u>\$ 2,356,980</u></u>

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**EXPENDITURE SUMMARY**

**5999 DEBT SERVICE**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
ESCROW	\$ 650,000	\$ 100,000	\$ 1,731,765	\$ 1,731,765	\$ 1,330,000
CAPITAL IMPROVEMENT FUND	980,000	3,779,500	1,360,000	1,360,000	1,733,000
DEBT SERVICE	<u>5,182,820</u>	<u>5,616,365</u>	<u>6,748,540</u>	<u>6,749,510</u>	<u>6,937,540</u>
<b>TOTAL</b>	<b><u>\$ 6,812,820</u></b>	<b><u>\$ 9,495,865</u></b>	<b><u>\$ 9,840,305</u></b>	<b><u>\$ 9,841,275</u></b>	<b><u>\$ 10,000,540</u></b>

**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.

**2018-2019 ANNUAL BUDGET**

**REGIONAL SOLID WASTE SYSTEM**

**DETAIL LISTING**

**5999 DEBT SERVICE**

	<b><u>2015-16 ACTUAL</u></b>	<b><u>2016-17 ACTUAL</u></b>	<b><u>2017-18 BUDGET</u></b>	<b><u>2017-18 AMENDED</u></b>	<b><u>2018-19 PROPOSED</u></b>
Personnel:					
Salaries & Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Other	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Supplies:					
Fuel	-	-	-	-	-
Chemicals	-	-	-	-	-
Other	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Services:					
Power	-	-	-	-	-
Other	-	-	-	-	-
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Capital Outlay	-	-	-	-	-
Escrow:					
Rsv for Maint	50,000	50,000	50,000	50,000	50,000
Equip Replacement	<u>600,000</u>	<u>50,000</u>	<u>1,681,765</u>	<u>1,681,765</u>	<u>1,280,000</u>
	650,000	100,000	1,731,765	1,731,765	1,330,000
Capital Improvement Fund	980,000	3,779,500	1,360,000	1,360,000	1,733,000
Debt Service	5,182,820	5,616,365	6,748,540	6,749,510	6,937,540
Special Projects	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u><u>\$ 6,812,820</u></u>	<u><u>\$ 9,495,865</u></u>	<u><u>\$ 9,840,305</u></u>	<u><u>\$ 9,841,275</u></u>	<u><u>\$ 10,000,540</u></u>

**2018 - 2019 ANNUAL BUDGET**  
**UPPER EAST FORK INTERCEPTOR SYSTEM**

**2018 - 2019 ANNUAL BUDGET**

**UPPER EAST FORK INTERCEPTOR SYSTEM**

**TABLE OF CONTENTS**

	<b>PAGE</b>
Budget Review	168
Expenditure Comparison by Character	170
Member City Charges	171
Budget Summary	172

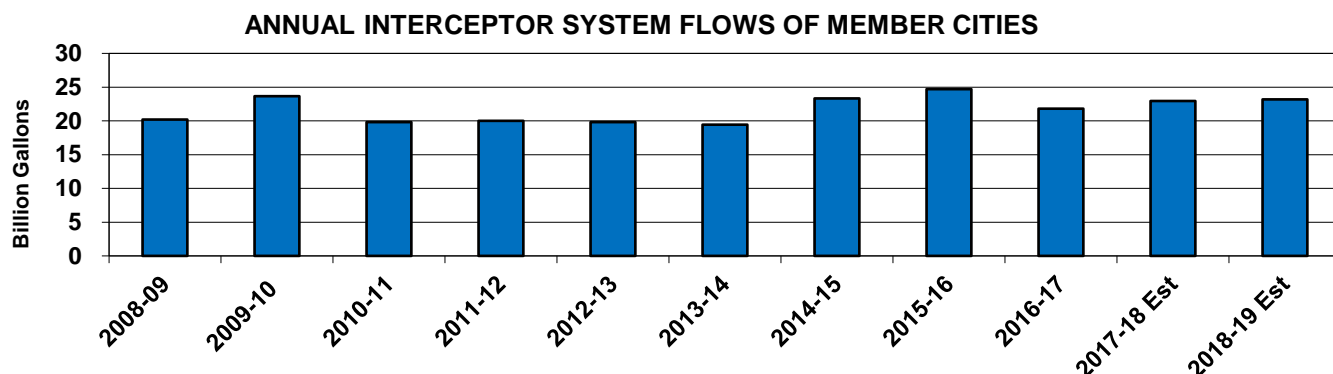
## 2018-2019 ANNUAL BUDGET

### UPPER EAST FORK INTERCEPTOR SYSTEM

#### BUDGET REVIEW

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 61.7 mgd of wastewater for Member Cities to the Regional Wastewater System for treatment. Member City annual flows for 2017-18 are expected to be 22.95 billion gallons, which is 4% more than expected for the year. Member City annual flows for 2018-19 are estimated to be 23.17 billion gallons. Member City flow information is presented below.



#### Interceptor Facilities

The District is currently completing several interceptor projects, including the construction of the Indian Creek Force Main and Lift Station No. 2, Beck Branch Interceptor Phase II and improvements to the Princeton Lift Station.

In 2018-19, the District is planning to issue \$53.3 million of revenue bonds to fund improvements to the McKinney Lift Station and Wilson Creek Lift Station, expansion of the Preston Road Lift Station, and construction of North McKinney Parallel Inceptor and Transfer Lift Station. The 2018-19 Budget provides funding for the debt service requirements for this bond issue.

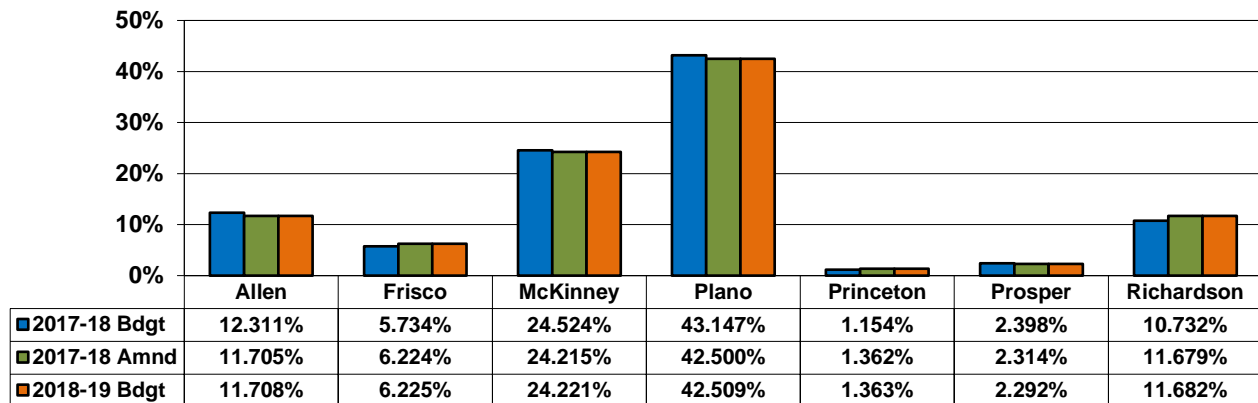
#### Charges for Service

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

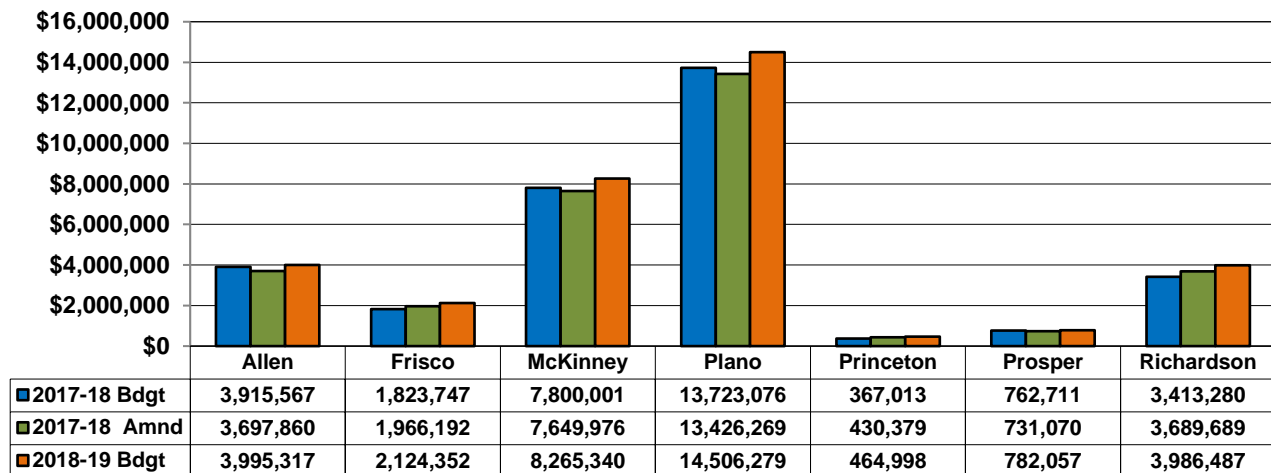
flows. At the end of the year, the actual cost for each city is determined based on actual flows and final billing adjustments are applied accordingly.

The total charges to be allocated to the Cities for 2018-19 are \$34,124,830 after deducting interest income and other revenue in the estimated amount of \$1,670,800 from the proposed budget of \$35,795,630. The charts below present the cost allocations and charges by city for the 2017-18 Original Budget, 2017-18 Amended Budget and 2018-19 Budget.

#### INTERCEPTOR SYSTEM COST ALLOCATION



#### INTERCEPTOR SYSTEM CHARGES BY CITY



### Budget Review

The 2017-18 Amended Budget is \$505 less than the 2017-18 Original Budget.

Expenditures in the amount of \$35,795,630 are requested for the 2018-19 Budget, which is \$1,721,700 or 5.1% more than the 2017-18 Original Budget. This increase is primarily the result of funding the Capacity, Management, Operation and Maintenance (CMOM) plan of \$1,200,000, odor and corrosion control initiatives of \$200,000, and transfers to the Capital Improvement Fund of \$350,000 for funding future capital projects.



**2018-2019 ANNUAL BUDGET****UPPER EAST FORK INTERCEPTOR SYSTEM****EXPENDITURE COMPARISON****BY CHARACTER**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
PERSONNEL	\$ 1,514,646	\$ 1,657,908	\$ 1,889,535	\$ 2,013,370	\$ 2,101,230
SUPPLIES	2,404,507	2,603,258	2,763,660	2,869,785	3,020,425
SERVICES	4,883,945	5,763,489	6,026,175	5,881,825	6,837,135
CAPITAL OUTLAY	405,461	139,763	290,000	203,350	235,000
ESCROW	-	1,000,000	-	-	58,030
CAPITAL IMPROVEMENT FUND	2,593,620	-	200,000	200,000	550,000
DEBT SERVICE	13,015,945	17,546,540	22,904,560	22,905,095	22,993,810
<b>TOTAL</b>	<b>\$ 24,818,124</b>	<b>\$ 28,710,957</b>	<b>\$ 34,073,930</b>	<b>\$ 34,073,425</b>	<b>\$ 35,795,630</b>

**2018-2019 ANNUAL BUDGET**

**UPPER EAST FORK INTERCEPTOR SYSTEM**

**MEMBER CITY CHARGES**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Member City Charges:</u></b>					
Allen	\$ 2,786,032	\$ 3,352,619	\$ 3,915,567	\$ 3,697,860	\$ 3,995,317
Frisco	1,237,190	1,661,369	1,823,747	1,966,192	2,124,352
McKinney	5,872,944	6,667,273	7,800,001	7,649,976	8,265,340
Plano	10,172,072	11,933,309	13,723,076	13,426,269	14,506,279
Princeton	270,519	341,259	367,013	430,379	464,998
Prosper	500,929	672,940	762,711	731,070	782,057
Richardson	2,478,880	3,013,593	3,413,280	3,689,689	3,986,487
<b>Total</b>	<b>\$ 23,318,567</b>	<b>\$ 27,642,363</b>	<b>\$ 31,805,395</b>	<b>\$ 31,591,435</b>	<b>\$ 34,124,830</b>
	-	-	-	-	-
Cost per 1,000	\$ 0.94	\$ 1.27	\$ 1.44	\$ 1.38	\$ 1.47

**Flows (1,000):**

Allen	2,953,688	2,647,091	2,726,407	2,686,254	2,713,117
Frisco	1,311,638	1,311,117	1,269,874	1,428,310	1,442,593
McKinney	6,226,363	5,265,679	5,431,136	5,557,208	5,612,780
Plano	10,784,198	9,423,151	9,555,370	9,753,308	9,850,841
Princeton	286,803	269,389	255,551	312,642	315,768
Prosper	531,075	531,075	531,075	531,075	531,075
Richardson	2,628,064	2,379,287	2,376,665	2,680,318	2,707,121
<b>Total</b>	<b>24,721,829</b>	<b>21,826,789</b>	<b>22,146,078</b>	<b>22,949,115</b>	<b>23,173,295</b>

**2018-2019 ANNUAL BUDGET**

**UPPER EAST FORK INTERCEPTOR SYSTEM**

**BUDGET SUMMARY**

	<b>2015-16 ACTUAL</b>	<b>2016-17 ACTUAL</b>	<b>2017-18 BUDGET</b>	<b>2017-18 AMENDED</b>	<b>2018-19 PROPOSED</b>
<b><u>Revenues:</u></b>					
Wastewater Sales:					
Members	\$ 23,318,567	\$ 27,642,363	\$ 31,805,395	\$ 31,591,435	\$ 34,124,830
Customers	1,329,447	882,125	1,206,830	1,389,950	1,403,150
Total	24,648,014	28,524,487	33,012,225	32,981,385	35,527,980
Transfer from PM Escrow	-	-	845,450	845,450	-
Other	164,258	165,566	195,480	206,340	234,100
Interest Income	5,852	20,904	20,775	40,250	33,550
Total	<u>\$ 24,818,124</u>	<u>\$ 28,710,957</u>	<u>\$ 34,073,930</u>	<u>\$ 34,073,425</u>	<u>\$ 35,795,630</u>
<b><u>Expenditures:</u></b>					
Personnel:					
Salaries & Wages	982,771	1,171,370	1,271,060	1,368,685	1,428,885
Other	531,874	486,538	618,475	644,685	672,345
Total	1,514,646	1,657,908	1,889,535	2,013,370	2,101,230
Supplies:					
Fuel	37,171	47,080	43,080	63,080	51,290
Chemicals	1,837,137	2,037,956	2,153,310	2,185,175	2,316,210
Other	530,199	518,221	567,270	621,530	652,925
Total	2,404,507	2,603,258	2,763,660	2,869,785	3,020,425
Services:					
Power	1,463,178	1,252,578	1,375,000	1,375,000	1,334,100
Other	3,420,768	4,510,911	4,651,175	4,506,825	5,503,035
Total	4,883,945	5,763,489	6,026,175	5,881,825	6,837,135
Capital Outlay	405,461	139,763	290,000	203,350	235,000
Escrow:					
Preventative Maintenance	-	1,000,000	-	-	-
Rsv for Maintenance	-	-	-	-	58,030
Total	-	1,000,000	-	-	58,030
Capital Improvement Fund	2,593,620	-	200,000	200,000	550,000
Debt Service	13,015,945	17,546,540	22,904,560	22,905,095	22,993,810
Special Projects	-	-	-	-	-
Total	<u>\$ 24,818,124</u>	<u>\$ 28,710,957</u>	<u>\$ 34,073,930</u>	<u>\$ 34,073,425</u>	<u>\$ 35,795,630</u>
Revenues Over/(Under) Expenditures	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

**2018 - 2019 ANNUAL BUDGET**

**APPENDIX**

## 2018 - 2019 ANNUAL BUDGET

### TABLE OF CONTENTS

#### APPENDIX

	<u>PAGE</u>
<b>DEBT SERVICE SCHEDULES</b>	
Regional Water System Revenue Bonds.....	176
Regional Water System U.S. Government Contracts Payable - Lavon.....	177
Regional Water System U.S. Government Contracts Payable - Chapman.....	178
Regional Wastewater System Revenue Bonds.....	179
Regional Solid Waste System Revenue Bonds.....	180
Upper East Fork Interceptor System Revenue Bonds.....	181
Buffalo Creek Interceptor Revenue Bonds.....	182
Little Elm Water Transmission Facilities Revenue Bonds.....	183
Lower East Fork Interceptor Revenue Bonds.....	184
Muddy Creek Wastewater Treatment Plant Revenue Bonds.....	185
Muddy Creek Interceptor Revenue Bonds.....	186
Mustang Creek Interceptor Revenue Bonds.....	187
Panther Creek Wastewater Treatment Plant Revenue Bonds.....	188
Parker Creek Interceptor Revenue Bonds.....	189
Parker Creek Parallel Interceptor Revenue Bonds.....	190
South Rockwall (Buffalo Creek) Wastewater Treatment Plant Revenue Bonds.....	191
Rockwall Water Pump Station Facilities Revenue Bonds.....	192
Rockwall - Heath Water Storage Facilities Revenue Bonds.....	193
Sabine Creek Wastewater Treatment Plant Revenue Bonds.....	194
Sabine Creek Interceptor Revenue Bonds.....	195
Stewart Creek Wastewater Treatment Plant Revenue Bonds.....	196
Terrell Water Transmission Facilities Revenue Bonds.....	197
<b>EMPLOYEE SCHEDULES.....</b>	<b>198</b>
<b>CAPITAL OUTLAY SCHEDULE.....</b>	<b>214</b>
<b>CAPITAL IMPROVEMENT PLAN CONTRACTS.....</b>	<b>221</b>
<b>BOND ISSUES SCHEDULE.....</b>	<b>230</b>
<b>CLASSIFICATION OF ACCOUNTS.....</b>	<b>233</b>
<b>BUDGET RESOLUTION.....</b>	<b>246</b>

**2018 - 2019 ANNUAL BUDGET**  
**DEBT SERVICE SCHEDULES**

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL WATER SYSTEM REVENUE BONDS

September 30, 2018

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
2019	0.770-5.250	\$ 71,450,000.00	\$ 42,135,764.74	\$ 42,259,246.34	\$ (4,163,790.82)	\$ 151,681,220.26
2020	0.850-5.250	73,935,000.00	40,894,176.09	40,894,176.09	(4,112,054.84)	151,611,297.34
2021	0.960-5.250	75,715,000.00	39,455,052.91	39,455,052.91	(4,056,482.92)	150,568,622.90
2022	1.100-5.250	75,465,000.00	37,952,301.12	37,952,301.12	(3,938,565.82)	147,431,036.42
2023	1.230-5.343	79,215,000.00	36,444,272.34	36,444,272.34	(3,812,751.88)	148,290,792.80
2024	1.340-6.003	82,265,000.00	34,830,755.21	34,830,755.21	(3,678,917.72)	148,247,592.70
2025	1.480-6.003	80,735,000.00	33,144,569.96	33,144,569.96	(3,529,169.66)	143,494,970.26
2026	1.580-6.003	83,905,000.00	31,489,536.99	31,489,536.99	(3,371,885.96)	143,512,188.02
2027	1.680-6.003	87,320,000.00	29,743,731.29	29,743,731.29	(3,200,340.26)	143,607,122.32
2028	1.850-6.003	88,155,000.00	28,091,405.35	28,091,405.35	(3,022,424.32)	141,315,386.38
2029	2.060-6.003	90,650,000.00	26,245,093.53	26,245,093.53	(2,837,838.50)	140,302,348.56
2030	2.250-6.123	93,470,000.00	24,293,169.45	24,293,169.45	(2,646,372.70)	139,409,966.20
2031	2.430-6.123	98,415,000.00	22,536,215.43	22,536,215.43	(2,439,339.62)	141,048,091.24
2032	2.530-6.123	102,655,000.00	20,473,409.63	20,473,409.63	(2,224,204.92)	141,377,614.34
2033	2.610-6.123	80,975,000.00	18,370,438.40	18,370,438.40	(2,000,650.84)	115,715,225.96
2034	2.680-6.123	84,250,000.00	16,620,002.68	16,620,002.68	(1,768,363.38)	115,721,641.98
2035	2.730-6.123	82,420,000.00	14,786,744.30	14,786,744.30	(1,527,024.82)	110,466,463.78
2036	2.770-6.123	68,805,000.00	12,965,137.95	12,965,137.95	(1,274,142.40)	93,461,133.50
2037	2.810-6.123	64,680,000.00	11,485,863.15	11,485,863.15	(1,011,177.40)	86,640,548.90
2038	2.860-6.123	67,190,000.00	10,136,772.83	10,136,772.83	(737,917.46)	86,725,628.20
2039	2.990-6.123	63,135,000.00	8,813,377.83	8,813,377.83	(453,832.78)	80,307,922.88
2040	3.010-6.010	58,530,000.00	7,524,492.75	7,524,492.75	(158,603.90)	73,420,381.60
2041	3.010-4.000	52,825,000.00	6,399,057.75	6,399,057.75	-	65,623,115.50
2042	3.010-4.000	54,720,000.00	5,467,394.50	5,467,394.50	-	65,654,789.00
2043	3.090-4.000	56,700,000.00	4,501,831.00	4,501,831.00	-	65,703,662.00
2044	3.090-4.000	58,740,000.00	3,500,040.00	3,500,040.00	-	65,740,080.00
2045	3.090-4.000	53,470,000.00	2,490,762.50	2,490,762.50	-	58,451,525.00
2046	3.080-4.000	55,310,000.00	1,592,275.00	1,592,275.00	-	58,494,550.00
2047	3.080-3.140	42,250,000.00	662,657.50	662,657.50	-	43,575,315.00
		<u>\$ 2,127,350,000.00</u>	<u>\$ 573,046,302.18</u>	<u>\$ 573,169,783.78</u>	<u>\$ (55,965,852.92)</u>	<u>\$ 3,217,600,233.04</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL WATER SYSTEM UNITED STATES GOVERNMENT CONTRACTS PAYABLE - LAVON

September 30, 2018

Long term debt outstanding at September 30, 2018, 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
2019	\$ 500,005.28	\$ 165,327.02	\$ 665,332.30	\$ 743,902.27	\$ 185,085.78	\$ 928,988.05
2020	516,130.45	149,201.85	665,332.30	767,893.12	161,094.93	928,988.05
2021	532,775.66	132,556.64	665,332.30	792,657.67	136,330.38	928,988.05
2022	549,957.67	115,374.63	665,332.30	818,220.88	110,767.17	928,988.05
2023	567,693.81	97,638.49	665,332.30	844,608.50	84,379.55	928,988.05
2024	586,001.93	79,330.37	665,332.30	871,847.13	57,140.92	928,988.05
2025	604,900.49	60,431.81	665,332.30	899,964.45	29,023.85	928,988.30
2026	624,408.54	40,923.76	665,332.30	-	-	-
2027	644,545.39	20,786.59	665,331.98	-	-	-
	<u>\$ 5,126,419.22</u>	<u>\$ 861,571.16</u>	<u>\$ 5,987,990.38</u>	<u>\$ 5,739,094.02</u>	<u>\$ 763,822.58</u>	<u>\$ 6,502,916.60</u>



NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

REGIONAL WATER SYSTEM UNITED STATES GOVERNMENT CONTRACTS PAYABLE - CHAPMAN

September 30, 2018

Long term debt outstanding at September 30, 2018, 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
2019	\$ 51,515.54	\$ 87,454.54	\$ 138,970.08	\$ 252,194.35	\$ 473,115.80	\$ 725,310.15
2020	53,191.34	85,778.74	138,970.08	260,398.23	464,911.92	725,310.15
2021	54,921.65	84,048.42	138,970.07	268,868.99	456,441.17	725,310.16
2022	56,708.25	82,261.82	138,970.07	277,615.30	447,694.86	725,310.16
2023	58,552.97	80,417.10	138,970.07	286,646.12	438,664.03	725,310.15
2024	60,457.70	78,512.37	138,970.07	295,970.72	429,339.44	725,310.16
2025	62,424.39	76,545.68	138,970.07	305,598.65	419,711.51	725,310.16
2026	64,455.06	74,515.02	138,970.08	315,539.77	409,770.38	725,310.15
2027	66,551.78	72,418.29	138,970.07	325,804.28	399,505.88	725,310.16
2028	68,716.71	70,253.37	138,970.08	336,402.69	388,907.46	725,310.15
2029	70,952.06	68,018.01	138,970.07	347,345.87	377,964.28	725,310.15
2030	73,260.13	65,709.94	138,970.07	358,645.04	366,665.12	725,310.16
2031	75,643.29	63,326.79	138,970.08	370,311.76	354,998.40	725,310.16
2032	78,103.96	60,866.11	138,970.07	382,358.00	342,952.16	725,310.16
2033	80,644.69	58,325.39	138,970.08	394,796.11	330,514.05	725,310.16
2034	83,268.06	55,702.02	138,970.08	407,638.82	317,671.33	725,310.15
2035	85,976.77	52,993.31	138,970.08	420,899.31	304,410.84	725,310.15
2036	88,773.59	50,196.48	138,970.07	434,591.17	290,718.99	725,310.16
2037	91,661.40	47,308.68	138,970.08	448,728.42	276,581.74	725,310.16
2038	94,643.14	44,326.93	138,970.07	463,325.56	261,984.60	725,310.16
2039	97,721.88	41,248.19	138,970.07	478,397.54	246,912.62	725,310.16
2040	100,900.78	38,069.30	138,970.08	493,959.81	231,350.35	725,310.16
2041	104,183.08	34,787.00	138,970.08	510,028.32	215,281.84	725,310.16
2042	107,572.15	31,397.92	138,970.07	526,619.54	198,690.62	725,310.16
2043	111,071.48	27,898.60	138,970.08	543,750.47	181,559.68	725,310.15
2044	114,684.63	24,285.44	138,970.07	561,438.68	163,871.48	725,310.16
2045	118,415.32	20,554.75	138,970.07	579,702.28	145,607.88	725,310.16
2046	122,267.37	16,702.70	138,970.07	598,559.99	126,750.16	725,310.15
2047	126,244.73	12,725.35	138,970.08	618,031.15	107,279.01	725,310.16
2048	130,351.47	8,618.60	138,970.07	638,135.70	87,174.45	725,310.15
2049	134,591.80	4,378.27	138,970.07	658,894.26	66,415.90	725,310.16
2050	-	-	-	680,328.09	44,982.07	725,310.16
2051	-	-	-	702,459.16	22,851.00	725,310.16
	<u>\$ 2,688,427.17</u>	<u>\$ 1,619,645.13</u>	<u>\$ 4,308,072.30</u>	<u>\$ 14,543,984.15</u>	<u>\$ 9,391,251.02</u>	<u>\$ 23,935,235.17</u>

# NORTH TEXAS MUNICIPAL WATER DISTRICT

## DEBT AMORTIZATION SCHEDULE

### REGIONAL WASTEWATER SYSTEM REVENUE BONDS

September 30, 2018

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
2019	2.000-5.000	\$ 13,590,000.00	\$ 6,870,025.00	\$ 6,870,025.00	\$ 27,330,050.00
2020	2.000-5.000	13,965,000.00	6,569,550.00	6,569,550.00	27,104,100.00
2021	2.000-5.000	14,570,000.00	6,252,800.00	6,252,800.00	27,075,600.00
2022	2.000-5.000	15,215,000.00	5,911,225.00	5,911,225.00	27,037,450.00
2023	3.000-5.000	12,165,000.00	5,560,275.00	5,560,275.00	23,285,550.00
2024	3.000-5.000	12,715,000.00	5,274,850.00	5,274,850.00	23,264,700.00
2025	3.000-5.000	13,300,000.00	4,989,275.00	4,989,275.00	23,278,550.00
2026	3.000-5.000	13,910,000.00	4,676,496.88	4,676,496.88	23,262,993.76
2027	3.000-5.000	13,400,000.00	4,364,271.88	4,364,271.88	22,128,543.76
2028	3.000-5.000	14,025,000.00	4,060,878.13	4,060,878.13	22,146,756.26
2029	3.000-5.000	11,300,000.00	3,742,990.63	3,742,990.63	18,785,981.26
2030	3.125-5.000	9,270,000.00	3,494,537.50	3,494,537.50	16,259,075.00
2031	3.000-5.000	9,680,000.00	3,291,331.25	3,291,331.25	16,262,662.50
2032	3.125-5.000	9,085,000.00	3,100,187.50	3,100,187.50	15,285,375.00
2033	3.250-5.000	9,470,000.00	2,923,443.76	2,923,443.76	15,316,887.52
2034	3.375-5.000	8,100,000.00	2,737,959.38	2,737,959.38	13,575,918.76
2035	3.375-5.000	8,450,000.00	2,570,950.00	2,570,950.00	13,591,900.00
2036	3.500-4.500	8,830,000.00	2,396,681.25	2,396,681.25	13,623,362.50
2037	4.000-4.500	9,220,000.00	2,218,368.75	2,218,368.75	13,656,737.50
2038	4.000-4.500	9,625,000.00	2,026,643.75	2,026,643.75	13,678,287.50
2039	3.000-4.500	10,065,000.00	1,826,456.25	1,826,456.25	13,717,912.50
2040	3.000-5.000	10,525,000.00	1,628,281.25	1,628,281.25	13,781,562.50
2041	3.000-5.000	11,000,000.00	1,412,456.25	1,412,456.25	13,824,912.50
2042	3.000-5.000	11,500,000.00	1,193,131.25	1,193,131.25	13,886,262.50
2043	3.000-4.000	12,025,000.00	963,631.25	963,631.25	13,952,262.50
2044	3.000-4.000	12,570,000.00	736,256.25	736,256.25	14,042,512.50
2045	3.000-4.000	13,145,000.00	498,481.25	498,481.25	14,141,962.50
2046	3.000-4.000	10,590,000.00	253,468.75	253,468.75	11,096,937.50
2047	3.750	3,215,000.00	60,281.25	60,281.25	3,335,562.50
		<u>\$ 324,520,000.00</u>	<u>\$ 91,605,184.41</u>	<u>\$ 91,605,184.41</u>	<u>\$ 507,730,368.82</u>

# NORTH TEXAS MUNICIPAL WATER DISTRICT

## DEBT AMORTIZATION SCHEDULE

### REGIONAL SOLID WASTE SYSTEM REVENUE BONDS

September 30, 2018

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
2019	3.000-5.000	\$ 4,625,000.00	\$ 1,290,021.88	\$ 1,290,021.88	\$ 7,205,043.76
2020	3.740-5.000	4,740,000.00	1,199,034.38	1,199,034.38	7,138,068.76
2021	3.000-5.000	4,925,000.00	1,095,284.38	1,095,284.38	7,115,568.76
2022	3.000-5.000	5,110,000.00	994,059.38	994,059.38	7,098,118.76
2023	3.250-5.000	5,335,000.00	888,809.38	888,809.38	7,112,618.76
2024	5.000	3,615,000.00	776,140.63	776,140.63	5,167,281.26
2025	5.000	3,775,000.00	685,765.63	685,765.63	5,146,531.26
2026	5.000	3,945,000.00	591,390.63	591,390.63	5,127,781.26
2027	5.000	3,570,000.00	492,765.63	492,765.63	4,555,531.26
2028	3.000-5.000	3,715,000.00	403,515.63	403,515.63	4,522,031.26
2029	3.000-4.000	2,210,000.00	328,140.63	328,140.63	2,866,281.26
2030	3.000-3.250	2,295,000.00	293,065.63	293,065.63	2,881,131.26
2031	3.000-3.375	2,385,000.00	258,140.63	258,140.63	2,901,281.26
2032	3.000-3.500	2,480,000.00	221,587.50	221,587.50	2,923,175.00
2033	3.000-3.500	2,575,000.00	182,759.38	182,759.38	2,940,518.76
2034	3.000-3.625	2,680,000.00	141,871.88	141,871.88	2,963,743.76
2035	3.125-3.625	2,780,000.00	98,434.38	98,434.38	2,976,868.76
2036	3.125-3.625	1,860,000.00	52,565.63	52,565.63	1,965,131.26
2037	3.125	1,425,000.00	22,265.63	22,265.63	1,469,531.26
		<u>\$ 64,045,000.00</u>	<u>\$ 10,015,618.84</u>	<u>\$ 10,015,618.84</u>	<u>\$ 84,076,237.68</u>

# NORTH TEXAS MUNICIPAL WATER DISTRICT

## DEBT AMORTIZATION SCHEDULE

### UPPER EAST FORK INTERCEPTOR SYSTEM REVENUE BONDS

September 30, 2018

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
2019	4.000-6.250	\$ 12,330,000.00	\$ 5,082,524.39	\$ 5,082,524.39	\$ 22,495,048.78
2020	3.000-6.250	12,515,000.00	4,777,155.64	4,777,155.64	22,069,311.28
2021	3.000-6.250	13,080,000.00	4,471,755.64	4,471,755.64	22,023,511.28
2022	3.000-6.250	13,660,000.00	4,152,543.14	4,152,543.14	21,965,086.28
2023	3.000-6.250	14,295,000.00	3,819,205.64	3,819,205.64	21,933,411.28
2024	4.000-5.500	15,010,000.00	3,480,455.64	3,480,455.64	21,970,911.28
2025	4.000-5.500	14,545,000.00	3,116,368.14	3,116,368.14	20,777,736.28
2026	3.000-5.000	13,990,000.00	2,770,955.64	2,770,955.64	19,531,911.28
2027	3.000-5.000	14,720,000.00	2,446,005.64	2,446,005.64	19,612,011.28
2028	3.000-5.000	15,460,000.00	2,104,105.64	2,104,105.64	19,668,211.28
2029	3.000-5.000	13,940,000.00	1,756,418.14	1,756,418.14	17,452,836.28
2030	3.000-5.000	10,650,000.00	1,444,793.14	1,444,793.14	13,539,586.28
2031	3.000-5.000	11,090,000.00	1,255,649.39	1,255,649.39	13,601,298.78
2032	3.125-5.000	11,560,000.00	1,049,911.89	1,049,911.89	13,659,823.78
2033	3.250-5.000	8,640,000.00	852,455.63	852,455.63	10,344,911.26
2034	3.250-5.000	9,015,000.00	703,399.38	703,399.38	10,421,798.76
2035	3.300-5.000	9,400,000.00	546,636.88	546,636.88	10,493,273.76
2036	3.500-5.000	7,565,000.00	371,671.88	371,671.88	8,308,343.76
2037	3.625-4.000	4,955,000.00	233,096.88	233,096.88	5,421,193.76
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>\$ 235,865,000.00</u>	<u>\$ 45,180,458.36</u>	<u>\$ 45,180,458.36</u>	<u>\$ 326,225,916.72</u>

# NORTH TEXAS MUNICIPAL WATER DISTRICT

## DEBT AMORTIZATION SCHEDULE

### BUFFALO CREEK INTERCEPTOR REVENUE BONDS

September 30, 2018

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
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>\$ 8,305,000.00</u>	<u>\$ 741,515.00</u>	<u>\$ 741,515.00</u>	<u>\$ 9,788,030.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

LITTLE ELM WATER TRANSMISSION FACILITIES REVENUE BONDS

September 30, 2018

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
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>\$ 1,895,000.00</u>	<u>\$ 58,100.00</u>	<u>\$ 58,100.00</u>	<u>\$ 2,011,200.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

LOWER EAST FORK INTERCEPTOR REVENUE BONDS

September 30, 2018

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
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>\$ 8,860,000.00</u>	<u>\$ 795,575.00</u>	<u>\$ 795,575.00</u>	<u>\$ 10,451,150.00</u>

# NORTH TEXAS MUNICIPAL WATER DISTRICT

## DEBT AMORTIZATION SCHEDULE

### MUDDY CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2018

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
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>\$ 9,860,000.00</u>	<u>\$ 722,550.00</u>	<u>\$ 722,550.00</u>	<u>\$ 11,305,100.00</u>



NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

MUDDY CREEK INTERCEPTOR SYSTEM REVENUE BONDS

September 30, 2018

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
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>\$ 1,375,000.00</u>	<u>\$ 77,700.00</u>	<u>\$ 77,700.00</u>	<u>\$ 1,530,400.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

MUSTANG CREEK INTERCEPTOR REVENUE BONDS

September 30, 2018

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
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>\$ 9,445,000.00</u>	<u>\$ 2,475,834.43</u>	<u>\$ 2,475,834.43</u>	<u>\$ 14,396,668.86</u>

# NORTH TEXAS MUNICIPAL WATER DISTRICT

## DEBT AMORTIZATION SCHEDULE

### PANTHER CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2018

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
2019	5.000	\$ 2,695,000.00	\$ 697,250.00	\$ 697,250.00	\$ 4,089,500.00
2020	4.000-5.000	2,715,000.00	634,650.00	634,650.00	3,984,300.00
2021	5.000	2,835,000.00	571,200.00	571,200.00	3,977,400.00
2022	5.000	2,975,000.00	500,325.00	500,325.00	3,975,650.00
2023	5.000	3,120,000.00	425,950.00	425,950.00	3,971,900.00
2024	5.000	3,275,000.00	347,950.00	347,950.00	3,970,900.00
2025	5.000	3,430,000.00	266,075.00	266,075.00	3,962,150.00
2026	5.000	3,590,000.00	180,325.00	180,325.00	3,950,650.00
2027	5.000	1,235,000.00	90,575.00	90,575.00	1,416,150.00
2028	5.000	1,300,000.00	59,700.00	59,700.00	1,419,400.00
2029	4.000	1,360,000.00	27,200.00	27,200.00	1,414,400.00
		<u>\$ 28,530,000.00</u>	<u>\$ 3,801,200.00</u>	<u>\$ 3,801,200.00</u>	<u>\$ 36,132,400.00</u>

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

September 30, 2018

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

<u>Fiscal Year</u>	<u>Interest Rate of Maturing Bonds</u>	<u>June 1 Principal</u>	<u>December 1 Interest</u>	<u>June 1 Interest</u>	<u>Total</u>
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	<u>210,000.00</u>	<u>5,381.25</u>	<u>5,381.25</u>	<u>220,762.50</u>
		<u>\$ 950,000.00</u>	<u>\$ 75,593.75</u>	<u>\$ 75,593.75</u>	<u>\$ 1,101,187.50</u>

# NORTH TEXAS MUNICIPAL WATER DISTRICT

## DEBT AMORTIZATION SCHEDULE

### PARKER CREEK PARALLEL INTERCEPTOR REVENUE BONDS

September 30, 2018

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
2019	2.000	\$ 110,000.00	\$ 34,928.13	\$ 34,928.13	\$ 179,856.26
2020	2.000	115,000.00	33,828.13	33,828.13	182,656.26
2021	2.000	120,000.00	32,678.13	32,678.13	185,356.26
2022	2.000	120,000.00	31,478.13	31,478.13	182,956.26
2023	2.000	125,000.00	30,278.13	30,278.13	185,556.26
2024	2.000	135,000.00	29,028.13	29,028.13	193,056.26
2025	3.000	140,000.00	27,678.13	27,678.13	195,356.26
2026	3.000	145,000.00	25,578.13	25,578.13	196,156.26
2027	2.000	150,000.00	23,403.13	23,403.13	196,806.26
2028	2.125	155,000.00	21,903.13	21,903.13	198,806.26
2029	2.250	160,000.00	20,256.25	20,256.25	200,512.50
2030	2.375	170,000.00	18,456.25	18,456.25	206,912.50
2031	2.500	175,000.00	16,437.50	16,437.50	207,875.00
2032	2.500	180,000.00	14,250.00	14,250.00	208,500.00
2033	3.000	190,000.00	12,000.00	12,000.00	214,000.00
2034	3.000	195,000.00	9,150.00	9,150.00	213,300.00
2035	3.000	205,000.00	6,225.00	6,225.00	217,450.00
2036	3.000	210,000.00	3,150.00	3,150.00	216,300.00
		<u>\$ 2,800,000.00</u>	<u>\$ 390,706.30</u>	<u>\$ 390,706.30</u>	<u>\$ 3,581,412.60</u>

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

September 30, 2018

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
2019	5.375	\$ 145,000.00	\$ 52,528.13	\$ 52,528.13	\$ 250,056.26
2020	5.500	150,000.00	48,631.25	48,631.25	247,262.50
2021	5.500	160,000.00	44,506.25	44,506.25	249,012.50
2022	5.750	165,000.00	40,106.25	40,106.25	245,212.50
2023	5.750	175,000.00	35,362.50	35,362.50	245,725.00
2024	5.750	190,000.00	30,331.25	30,331.25	250,662.50
2025	5.750	200,000.00	24,868.75	24,868.75	249,737.50
2026	5.750	210,000.00	19,118.75	19,118.75	248,237.50
2027	5.750	220,000.00	13,081.25	13,081.25	246,162.50
2028	5.750	235,000.00	6,756.25	6,756.25	248,512.50
		<u>\$ 1,850,000.00</u>	<u>\$ 315,290.63</u>	<u>\$ 315,290.63</u>	<u>\$ 2,480,581.26</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT

DEBT AMORTIZATION SCHEDULE

ROCKWALL WATER PUMP STATION FACILITIES REVENUE BONDS

September 30, 2018

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
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>\$ 1,115,000.00</u>	<u>\$ 120,677.50</u>	<u>\$ 120,677.50</u>	<u>\$ 1,356,355.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT  
DEBT AMORTIZATION SCHEDULE  
ROCKWALL - HEATH WATER STORAGE FACILITIES REVENUE BONDS

September 30, 2018

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
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>\$ 1,375,000.00</u>	<u>\$ 120,051.25</u>	<u>\$ 120,051.25</u>	<u>\$ 1,615,102.50</u>



# NORTH TEXAS MUNICIPAL WATER DISTRICT

## DEBT AMORTIZATION SCHEDULE

### SABINE CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2018

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
2019	2.000-4.000	\$ 1,035,000.00	\$ 213,937.50	\$ 213,937.50	\$ 1,462,875.00
2020	3.000-4.000	1,060,000.00	199,337.50	199,337.50	1,458,675.00
2021	3.000-4.000	1,100,000.00	181,237.50	181,237.50	1,462,475.00
2022	3.000-4.000	1,130,000.00	162,437.50	162,437.50	1,454,875.00
2023	3.000-4.000	1,175,000.00	143,112.50	143,112.50	1,461,225.00
2024	4.000	515,000.00	123,012.50	123,012.50	761,025.00
2025	4.000	535,000.00	112,712.50	112,712.50	760,425.00
2026	3.500	560,000.00	102,012.50	102,012.50	764,025.00
2027	2.250	575,000.00	92,212.50	92,212.50	759,425.00
2028	2.375	590,000.00	85,743.75	85,743.75	761,487.50
2029	2.500	605,000.00	78,737.50	78,737.50	762,475.00
2030	3.000	620,000.00	71,175.00	71,175.00	762,350.00
2031	3.000	640,000.00	61,875.00	61,875.00	763,750.00
2032	3.000	655,000.00	52,275.00	52,275.00	759,550.00
2033	3.000	675,000.00	42,450.00	42,450.00	759,900.00
2034	3.000	695,000.00	32,325.00	32,325.00	759,650.00
2035	3.000	720,000.00	21,900.00	21,900.00	763,800.00
2036	3.000	740,000.00	11,100.00	11,100.00	762,200.00
		<u>\$ 13,625,000.00</u>	<u>\$ 1,787,593.75</u>	<u>\$ 1,787,593.75</u>	<u>\$ 17,200,187.50</u>

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

September 30, 2018

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

<u>Fiscal Year</u>	<u>Interest Rate of Maturing Bonds</u>	<u>June 1 Principal</u>	<u>December 1 Interest</u>	<u>June 1 Interest</u>	<u>Total</u>
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>\$ 770,000.00</u>	<u>\$ 61,115.63</u>	<u>\$ 61,115.63</u>	<u>\$ 892,231.26</u>

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

September 30, 2018

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
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>\$ 58,585,000.00</u>	<u>\$ 11,354,020.50</u>	<u>\$ 11,354,020.50</u>	<u>\$ 81,293,041.00</u>

NORTH TEXAS MUNICIPAL WATER DISTRICT  
DEBT AMORTIZATION SCHEDULE  
TERRELL WATER TRANSMISSION FACILITIES REVENUE BONDS

September 30, 2018

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
2019	4.000	\$ 395,000.00	\$ 167,540.63	\$ 167,540.63	\$ 730,081.26
2020	3.000	415,000.00	159,640.63	159,640.63	734,281.26
2021	3.000	425,000.00	153,415.63	153,415.63	731,831.26
2022	3.000	440,000.00	147,040.63	147,040.63	734,081.26
2023	3.750	455,000.00	140,440.63	140,440.63	735,881.26
2024	4.000	475,000.00	131,909.38	131,909.38	738,818.76
2025	4.000	495,000.00	122,409.38	122,409.38	739,818.76
2026	3.000	520,000.00	112,509.38	112,509.38	745,018.76
2027	3.000	535,000.00	104,709.38	104,709.38	744,418.76
2028	3.250	555,000.00	96,684.38	96,684.38	748,368.76
2029	3.250	575,000.00	87,665.63	87,665.63	750,331.26
2030	3.250	600,000.00	78,321.88	78,321.88	756,643.76
2031	3.375	620,000.00	68,571.88	68,571.88	757,143.76
2032	3.375	645,000.00	58,109.38	58,109.38	761,218.76
2033	3.500	670,000.00	47,225.00	47,225.00	764,450.00
2034	5.000	695,000.00	35,500.00	35,500.00	766,000.00
2035	5.000	725,000.00	18,125.00	18,125.00	761,250.00
		<u>\$ 9,240,000.00</u>	<u>\$ 1,729,818.82</u>	<u>\$ 1,729,818.82</u>	<u>\$ 12,699,637.64</u>

**2018 - 2019 ANNUAL BUDGET**

**EMPLOYEE SCHEDULES**

**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u>Grade</u>	<u>FY 18</u>	<u>FY 19</u>	
<b>101 - REGIONAL WATER SYSTEM</b>				
<b>5310 - General</b>				
Executive Director / General Manager	N/A	1	1	
Deputy Director (Engineering & CIP)	N/A	1	1	
Deputy Director (Administrative Services)	N/A	0	1	
Deputy Director (Finance & Personnel)	N/A	1	0	
Deputy Director (Operations & Maintenance)	N/A	0	1	
Deputy Director (Operations)	N/A	1	0	
Deputy Director (Support Services) - Unfunded	N/A	1	0	
Process Improvement Advisor	44	1	1	
Special Projects Manager	40	1	1	
Energy Program Manager	38	1	1	
Executive Assistant	38	1	1	
Government Relations Coordinator	32	0	1	*
Executive Administrative Assistant	30	1	1	
Senior Administrative Assistant	27	1	1	
Total		<u>11</u>	<u>11</u>	
* Funding Begins 10/1/18				
<b>5311 - Public Information</b>				
Public Relations & Communications Officer	41	1	1	
Public Relations Coordinator	30	1	1	
Public Relations Specialist	30	0	1	*
Public Relations Assistant	24	<u>1</u>	<u>1</u>	
Total		<u>3</u>	<u>4</u>	
* FY18 Mid-Year Additional Position				
<b>5313 - Information Technology</b>				
Assistant Deputy (Technology & Support)	47	0	1	
Chief Information Officer	47	1	0	
Control Systems Manager	43	1	0	
Information Technology Manager	42	1	1	
Information Systems Manager	39	1	1	
Control Systems Supervisor	32	1	0	
Information Technology Supervisor	31	1	1	*
Control Systems Senior Technician	30	3	1	
Graduate Engineer	30	1	0	
Information Technology Senior Technician	29	1	1	
GIS Coordinator	28	1	1	
Information Systems Senior Technician	27	1	1	
Control Systems Technician	25	1	0	
Information Systems Technician	25	2	2	
Information Technology Technician	23	2	2	
Administrative Technician	22	1	1	
Information Systems Assistant	22	<u>5</u>	<u>5</u>	
Total		<u>24</u>	<u>18</u>	
* Funding to Reestablish Position Begins 10/1/18				

**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u>Grade</u>	<u>FY 18</u>	<u>FY 19</u>	
<b>5320 - Administration</b>				
Assistant Deputy (Finance)	47	1	0	
Assistant Deputy Director (Finance & Personnel)	47	0	1	
Assistant Deputy (HR & Admin)	47	0	1	
Accounting Manager	43	1	1	
Finance Manager	43	1	1	
Human Resources Manager	43	1	1	
Purchasing Manager (Purchasing Dept.)	43	0	1	*
Assistant Accounting Manager	39	1	1	
Financial Reporting Accountant	38	1	1	
Records Manager	38	1	1	
Assistant Finance Manager	38	1	1	
Assistant Human Resources Manager	38	1	1	
Debt and Investment Supervisor	35	1	1	
Contract Administrator (Purchasing Dept.)	34	0	1	*
Senior Project Accountant	32	1	1	
Human Resources Trainer	31	1	1	
Payroll Supervisor	31	1	1	
Wellness and Benefits Administrator	31	1	1	
Records Specialist	30	1	1	
Financial Analyst	29	1	2	*
Senior Accountant	28	1	1	
Accounts Payable Supervisor	27	1	1	
Investment Coordinator	26	1	1	
Budget Coordinator	25	1	1	
HR Specialist	25	1	1	
Records Technician	25	4	4	
Staff Accountant	25	1	2	*
Accounts Receivable Specialist	24	1	1	
Administrative Assistant	24	1	1	
Administrative Assistant (Purchasing Dept.)	24	0	1	*
Financial Assistant	24	0	1	*
Accounting Technician	22	5	6	*
Human Resources Technician	22	4	4	
Receptionist	18	2	2	
Total		<u>39</u>	<u>47</u>	

\* FY18 Mid-Year 1 Additional Position

**5330 - Plant Operations**

Assistant Deputy Director (Water)	47	1	0	
Assistant Deputy (Water)	47	0	1	
Water System Manager	44	1	1	
Water Transmission System Manager	44	1	1	
LBCR Lake Operation Manager	43	1	1	
Water Operations Technical Support Manager	42	0	1	*
Asset Risk Manager	38	1	1	
Assistant Water System Manager - Transmission	38	1	1	
Assistant Water System Manager - Treatment	38	1	1	
Water Resource Program & Public Education Manager	38	1	1	
Watershed Manager	38	1	1	

**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u>Grade</u>	<u>FY 18</u>	<u>FY 19</u>	
Professional Engineer	37	2	2	
Professional Engineer - Special Projects & Water	37	1	1	
Water Treatment Plant Manager - Wylie	35	1	1	
Water Plant Supervisor III	34	1	1	
Chemical System Maintenance Coordinator	29	0	1	*
Shift Supervisor	29	4	4	
Chief Control Room Operator	28	4	4	
Trainer / Lead Operator	28	1	1	
Lead Water Plant Operator	27	4	4	
Assistant to the Water Plant Supervisor	26	1	1	
Lead Transmission System Operator	26	1	1	
Water Plant Operator III	26	19	19	
Water Plant Mechanic	25	2	3	*
Water Resource Assistant	24	1	1	
Water Plant Operator II	23	25	25	
Water Quality Technician	23	1	1	
Administrative Technician	22	1	1	
Information Systems Assistant - Transmission	22	0	1	**
information Systems Assistant - Wylie WTP	22	0	1	**
Transmission System Operator II	21	1	1	
Maintenance Worker	20	1	1	
Total		<u>80</u>	<u>85</u>	

\* Funding For 1 New Position Begins 10/1/18

\*\* FY18 Mid-Year Additional Position

**5333 - Tawakoni Raw Water Pump Station and WTP**

Water Plant Supervisor II	33	1	1	
Lead Water Plant Operator	27	1	1	
Water Plant Operator III	26	2	2	
Water Plant Mechanic	25	1	1	
Water Plant Operator II	23	7	7	
Total		<u>12</u>	<u>12</u>	

**5334 - East Fork Raw Water Supply**

Wetlands Supervisor	29	1	1	
Lead Operator	26	1	1	
Maintenance Worker - Wetlands	20	5	5	
Total		<u>7</u>	<u>7</u>	

**5335 - Bonham Water Treatment Plant**

Water Plant Supervisor I	29	1	1	
Water Plant Operator III	26	1	1	
Water Plant Mechanic	25	1	1	
Water Plant Operator II	23	8	8	
Total		<u>11</u>	<u>11</u>	

**5340 - Facilities Services**

Maintenance Officer	47	0.5	0	a
Assistant Deputy (Maintenance)	47	0	0.5	a
Maintenance Manager	44	0.5	0.5	b



**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u>Grade</u>	<u>FY 18</u>	<u>FY 19</u>	
Assistant Maintenance Manager	38	0.5	0.5	c
Maintenance Engineer / Asset Risk Manager	38	0.5	0.5	d
Electrical Maintenance Manager	36	0.5	0.5	e
Facilities Services Manager	35	1	1	
Maintenance Services Superintendent Pipeline	29	1	1	
Maintenance Services Superintendent Plant	29	1	1	
Lead Line Locator	26	1	1	
Maintenance Right - of - Way Supervisor	26	1	1	
Maintenance Valve Crew Supervisor	26	1	1	
Pipeline Crewleader	26	2	2	
Line Locator	25	4	4	
Custodial Crewleader	23	1	1	
Heavy Equipment Operator	23	5	6	*
Painting / Carpentry Crewleader	23	1	1	
Administrative Technician	22	1	1	
Lead Maintenance Worker - Carpentry	21	1	1	
Lead Maintenance Worker - Paint	21	1	1	
Lead Maintenance Worker - Pipeline	21	6	6	
Light Equipment Operator	21	1	1	
Maintenance Worker - Paint / Carpentry	20	5	5	
Maintenance Worker - Pipeline	20	18	18	
Custodian	16	6	6	
Total		60.5	61.5	

\* Funding to Reestablish 1 Position Begins 10/1/18

**5350 - Technical Services**

Maintenance Officer	47	0.5	0	a
Assistant Deputy (Maintenance)	47	0	0.5	a
Maintenance Manager	44	0.5	0.5	b
Control Systems Manager	43	0	1	
Assistant Maintenance Manager	38	0.5	0.5	c
Maintenance Engineer / Asset Risk Manager	38	0.5	0.5	d
Electrical Maintenance Manager	36	0.5	0.5	e
Technical Services Manager	36	1	1	
Control Systems Supervisor	32	0	1	
Electrical Superintendent	32	1	1	
Instrumentation Superintendent	32	1	1	
Information Technology Supervisor	31	0	1	
Control Systems Senior Technician	30	0	3	*
Graduate Engineer	30	0	1	
Mechanical Superintendent	31	1	1	
Ozone Superintendent	31	1	1	
Assistant Electrical Superintendent	29	1	1	
Assistant Instrumentation Superintendent	29	1	1	
Physical Security Coordinator	29	1	1	
Technical Services Coordinator	29	1	1	
Assistant Mechanical Superintendent	28	1	1	
Electrical Technician	28	1	1	
Instrumentation Technician II	28	2	2	
Ozone Supervisor	28	4	4	
Electrician II	27	3	3	

**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u>Grade</u>	<u>FY 18</u>	<u>FY 19</u>	
Instrumentation Technician	27	6	6	
Ozone Instrumentation Technician	27	8	8	
Electrician	26	9	10	*
Lead Technical Services Mechanic	26	6	6	
Lead Welder	26	1	1	
Ozone Electrician	26	8	8	
Control Systems Technician	25	0	1	
Ozone Mechanic	25	4	4	
Technical Services Crane Operator	25	2	2	
Technical Services Mechanic	25	11	11	
Welder	24	5	5	
Administrative Technician	22	1	1	
Maintenance Shop Assistant	20	7	8	*
Parts Worker	18	1	1	
Total		<u>91.5</u>	<u>101.5</u>	

\* Funding For 1 New Position Begins 10/1/18

**5360 - Laboratory**

Laboratory Manager	38	1	1	
Operations Manager	32	1	1	
Laboratory QA / QC Officer	31	1	1	
Section Chief / Section Supervisor	30	4	4	
Chemist / Biologist	29	5	5	
Deputy QA / QC Officer / Laboratory Safety Officer	29	1	1	
Administrative Assistant / Senior Laboratory Technician	27	1	1	
Senior Laboratory Technician	27	9	10	*
Senior Sample Control Technician	27	2	2	
Sample Control Technician II	24	0	1	**
Sample Control Technician	20	2	2	
Total		<u>27</u>	<u>29</u>	

\* Funding For 1 New Position Begins 10/1/18

\*\* FY18 Mid-Year Additional Position

**5370 - Engineering**

Assistant Deputy Director (CIP)	47	1	0	
Assistant Deputy (CIP)	47	0	1	
Assistant Deputy Director (Engineering)	47	1	0	
Assistant Deputy (Engineering)	47	0	1	
Engineering Manager	44	1	2	*
Reservoir Project Manager	44	1	1	
Real Estate Manager	43	1	1	
Construction Manager	38	1	1	
Planning Program Manager	38	1	1	
Solid Waste and Specialties Program Manager	38	1	1	
Wastewater Program Manager	38	1	1	
Water Conveyance Program Manager	38	1	1	
Water Treatment Program Manager	38	1	1	
Professional Engineer	37	21	21	
Engineering Projects Coordinator	35	1	1	
Registered Surveyor	35	1	1	

**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u>Grade</u>	<u>FY 18</u>	<u>FY 19</u>	
Assistant Construction Manager	34	1	1	
I&E Construction Supervisor	31	1	1	
Graduate Engineer	30	2	2	
Land Agent	30	2	2	
Contracts Coordinator	28	1	1	
Engineering Technician	28	6	6	
Senior Construction Inspector	28	6	6	
Construction Inspector II	27	9	9	
Construction Inspector I	25	15	19	**
Administrative Technician	22	5	5	
Total		<u>82</u>	<u>87</u>	

\* FY18 Mid-Year Additional Position

\*\* Funding For 4 New Positions Begins 10/1/18

**5380 - Environmental Services**

Permit Manager	43	0	1	
Environmental Program Manager	38	0.6	0.6	f
Environmental Program Coordinator	32	0.4	0.4	g
LIMS Administrator	32	1	1	
Environmental Analyst	30	1	1	
Environmental Supervisor I	29	1	1	
Environmental Specialist II	28	1	1	
Quality System Technician	27	1	1	
Environmental Specialist I	25	1	1	
Environmental Technician II	23	3	3	
Administrative Technician	22	0.5	0.5	h
Total		<u>10.5</u>	<u>11.5</u>	

**5381 - Permitting**

Permit Manager	43	1	0	
Environmental Manager	38	1	1	
Permit Coordinator	31	1	1	
Total		<u>3</u>	<u>2</u>	

**5382 - Regulatory Compliance**

Environmental Compliance Manager	38	1	1	
Senior Environmental Health & Safety Specialist	31	1	1	
Environmental Compliance Coordinator	29	1	1	
Total		<u>3</u>	<u>3</u>	

**5390 - Safety**

Health & Safety Manager	43	1	1	
Safety Coordinator (Water)	29	1	1	
Safety Coordinator (Wastewater)	29	1	1	
Safety Coordinator (SW & Maint)	29	1	1	
Safety Coordinator (Training)	29	1	1	
Total		<u>5</u>	<u>5</u>	

Total Regional Water System		<u>469.5</u>	<u>495.5</u>	
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**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u>Grade</u>	<u>FY 18</u>	<u>FY 19</u>	
<b>PRETREATMENT</b>				
<b>604 - Wastewater Pretreatment Program</b>				
Environmental Program Manager	38	0.4	0.4	f
Environmental Program Coordinator	32	0.6	0.6	g
Environmental Supervisor I	29	1	1	
Environmental Specialist II	28	1	1	
Environmental Specialist I	25	1	1	
Environmental Technician II	23	3	3	
Administrative Technician	22	0.5	0.5	h
Total		<u>7.5</u>	<u>7.5</u>	
Total Pretreatment		<u>7.5</u>	<u>7.5</u>	
<b>WASTEWATER</b>				
<b>301 - REGIONAL WASTEWATER SYSTEM</b>				
<b>5080 - Wilson Creek WWTP</b>				
Assistant Deputy Director (Wastewater)	47	1	0	
Assistant Deputy (Wastewater)	47	0	1	
Training and Development Manager	38	1	1	
Professional Engineer	37	1	1	
Wastewater Project Coordinator	35	1	1	
Wastewater Plant Supervisor III	34	1	1	
Maintenance Planner Scheduler	31	0	1	*
Chief Wastewater Plant Operator	28	2	2	
Lead Wastewater Plant Operator	27	6	6	
Lead Maintenance Technician	26	1	1	
Lead Transport Driver	26	1	1	
Wastewater Plant Operator III	26	8	8	
Wastewater Mechanic	25	1	1	
Wastewater Plant Operator II	23	16	18	**
Information Systems Assistant	22	2	2	
Transport Driver	22	13	13	
Mechanic's Assistant	20	2	2	
Odor Control Worker	18	2	2	
Total		<u>59</u>	<u>62</u>	
* Repurposed Floyd WW Plant Supervisor I				
** Funding For 2 New Positions Begins 10/1/18				
<b>5090 - Floyd Branch WWTP</b>				
Wastewater Coordinator	32	1	1	
Wastewater Plant Supervisor I	29	1	0	
Lead Wastewater Plant Operator	27	1	1	
Wastewater Plant Operator III	26	2	2	
Wastewater Plant Operator II	23	3	3	
Total		<u>8</u>	<u>7</u>	
<b>5100 - Rowlett Creek WWTP</b>				
Asset Risk Manger	38	1	1	
Wastewater Plant Supervisor II	33	1	1	

**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u>Grade</u>	<u>FY 18</u>	<u>FY 19</u>	
Chief Wastewater Plant Operator	28	1	1	
Lead Wastewater Plant Operator	27	3	3	
Lead Dewatering Plant Operator	26	1	1	
Lead Maintenance Technician	26	1	1	
Wastewater Plant Operator III	26	6	6	
Wastewater Mechanic	25	1	1	
Wastewater Technician I	25	0.5	0.5	j
Wastewater Plant Operator II	23	4	4	
Administrative Technician	22	1	1	
Information Systems Assistant	22	1	1	
Transport Driver	22	4	4	
Mechanic's Assistant	20	1	1	
Total		<u>26.5</u>	<u>26.5</u>	
<b>5180 - Mesquite WWTP</b>				
Regional Wastewater System Manager	44	1	1	
Assistant Wastewater System Manager	38	1	1	
Wastewater Plant Supervisor III	34	1	1	
Chief Wastewater Plant Operator	28	2	2	
Lead Wastewater Plant Operator	27	4	4	
Lead Maintenance Technician	26	1	1	
Wastewater Plant Operator III	26	6	6	
Wastewater Mechanic	25	1	1	
Wastewater Plant Operator II	23	10	10	
Information Systems Assistant	22	1	1	
Transport Driver	22	5	5	
Mechanic's Assistant	20	2	2	
Total		<u>35</u>	<u>35</u>	
Total Regional Wastewater System		<u>128.5</u>	<u>130.5</u>	
<b>307 - Panther Creek WWTP</b>				
Sewer System Plants Manager	44	0.326	0.326	i
Wastewater Plant Supervisor II	33	1	1	
Chief Wastewater Plant Operator	28	1	1	
Wastewater Technician II	28	1	1	
Lead Wastewater Plant Operator	27	2	2	
Wastewater Plant Operator III	26	4	4	
Wastewater Plant Operator II	23	8	8	
Information Systems Assistant	22	0.5	0.5	k
Total		<u>17.826</u>	<u>17.826</u>	
<b>309 - Stewart Creek WWTP</b>				
Wastewater Plant Supervisor II	33	1	1	
Chief Wastewater Plant Operator	28	1	1	
Lead Wastewater Plant Operator	27	2	2	
Wastewater Plant Operator III	26	4	4	
Wastewater Mechanic	25	1	1	
Wastewater Plant Operator II	23	8	8	
Information Systems Assistant	22	1.5	1.5	k
Total		<u>18.5</u>	<u>18.5</u>	

**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u>Grade</u>	<u>FY 18</u>	<u>FY 19</u>	
<b>310 - Muddy Creek WWTP</b>				
Sewer System Plants Manager	44	0.178	0.178	i
Wastewater Plant Supervisor II	33	1	1	
Chief Wastewater Plant Operator	28	1	1	
Lead Wastewater Plant Operator	27	2	2	
Wastewater Plant Operator III	26	4	4	
Wastewater Plant Mechanic	25	1	1	
Wastewater Technician I	25	1.2	1.2	j
Wastewater Plant Operator II	23	8	8	
Information Systems Assistant	22	0.5	1	*,k
Total		<u>18.878</u>	<u>19.378</u>	
* Funding For .5 New Positions Begins 10/1/18				
<b>501 - UPPER EAST FORK INTERCEPTOR SYSTEM</b>				
Wastewater Conveyance System Manager	44	1	1	
CMOM Program Manager	38	1	1	
Professional Engineer	37	1	1	
Wastewater Conveyance Supervisor II	33	1	1	
Chief Wastewater Conveyance Operator	28	1	1	
Lead Wastewater Conveyance Operator	27	2	2	
Wastewater Conveyance Operator III	26	1	3	
Wastewater Technician I	25	0.3	0.3	j
Wastewater Conveyance Operator II	23	10	8	
Information Systems Assistant	22	1	1	
Total		<u>19.3</u>	<u>19.3</u>	
<b>601 - SMALL WWTPs *</b>				
Sewer System Plants Manager	44	0.496	0.496	i,o
Wastewater Plant Supervisor II	33	1	1	o
Chief Wastewater Plant Operator	28	1	1	o
Wastewater Plant Operator III	26	2	2	o
Wastewater Plant Operator II	23	4	4	o
Information Systems Assistant	22	0.5	1	**,k,o
Total		<u>8.996</u>	<u>9.496</u>	
* Allocation based on manhours at each facility				
** Funding For .5 New Positions Begins 10/1/18				
Total Wastewater		<u>219.5</u>	<u>222.5</u>	

**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u>Grade</u>	<u>FY 18</u>	<u>FY 19</u>	
<b>401 - REGIONAL SOLID WASTE SYSTEM</b>				
<b>5511 - Lookout Transfer Station</b>				
Assistant Deputy Director (Solid Waste)	47	0.2	0	l
Assistant Deputy (Solid Waste)	47	0	0.2	l
Solid Waste System Manager	44	0.25	0.25	m
Transfer Station Manager	38	0.34	0.34	n
Transfer Station Foreman	26	1	1	
Administrative Technician	22	0.2	0.2	h
Transfer Station Equipment Operator	22	3	3	
Transport Driver	22	10	8	
Scale Operator	21	2	2	
Total		<u>16.99</u>	<u>14.99</u>	
<b>5512 - Parkway Transfer Station</b>				
Assistant Deputy Director (Solid Waste)	47	0.2	0	l
Assistant Deputy (Solid Waste)	47	0	0.2	l
Solid Waste System Manager	44	0.25	0.25	m
Transfer Station Manager	38	0.33	0.33	n
Transfer Station Foreman	26	1	1	
Administrative Technician	22	0.2	0.2	h
Transfer Station Equipment Operator	22	2	2	
Transport Driver	22	7	11	*
Scale Operator	21	2	2	
Total		<u>12.98</u>	<u>16.98</u>	
* Funding For 1 New Position Begins 10/1/18				
<b>5513 - Custer Transfer Station</b>				
Assistant Deputy Director (Solid Waste)	47	0.2	0	l
Assistant Deputy (Solid Waste)	47	0	0.2	l
Solid Waste System Manager	44	0.25	0.25	m
Transfer Station Manager	38	0.33	0.33	n
Transfer Station Foreman	26	1	1	
Administrative Technician	22	0.2	0.2	h
Transfer Station Equipment Operator	22	4	4	
Transport Driver	22	12	14	*
Scale Operator	21	2	2	
Total		<u>19.98</u>	<u>21.98</u>	
* Funding For 1 New Position Begins 10/1/18				
<b>5523 - 121 Regional Disposal Facility</b>				
Assistant Deputy Director (Solid Waste)	47	0.2	0	l
Assistant Deputy (Solid Waste)	47	0	0.2	l
Solid Waste System Manager	44	0.25	0.25	m
Landfill Manager	38	1	1	
Landfill Supervisor	31	1	1	
Heavy Equipment Shop Foreman	28	1	1	
Heavy Equipment Mechanic	26	3	3	
Lead Heavy Equipment Operator	25	2	2	
Heavy Equipment Operator	23	19	18	*,**
Administrative Technician	22	0.2	0.2	h
Landfill Scalehouse Coordinator	22	1	1	

**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u>Grade</u>	<u>FY 18</u>	<u>FY 19</u>	
Tipper Operator	22	1	1	
Scale Operator	21	2	3	*
Scale Operator - Part Time	21	1	1	
Parts Worker	18	1	1	
Landfill Spotter	17	1	1	
Total		<u>34.65</u>	<u>34.65</u>	

\* Funding For 1 New Position Begins 10/1/18

\*\* Reclassed 2 Positions to T.Stations as Trans. Drivers

**5530 - Fleet Maintenance Shop**

Assistant Deputy Director (Solid Waste)	47	0.2	0	I
Assistant Deputy (Solid Waste)	47	0	0.2	I
Fleet Manager	38	1	1	
Fleet Maintenance Shop Supervisor	32	1	1	
Fleet Maintenance Shop Foreman	28	2	2	
Lead Fleet Maintenance Equipment Mechanic	27	1	1	
Fleet Maintenance Equipment Mechanic	25	5	6	
Fleet Administrator	24	1	1	
Welder	24	1	1	
Administrative Technician	22	0.2	0.2	h
Fleet Maintenance Shop Assistant	20	5	6	
Parts Worker	18	2	0	
Total		<u>19.4</u>	<u>19.4</u>	

Total Regional Solid Waste System

<u>104</u>	<u>108</u>
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**TOTAL ALL SYSTEMS**

<u><u>793</u></u>	<u><u>826</u></u>
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**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY POSITION AND GRADE**

**ALL SYSTEMS**

	<u><b>Fund / Function</b></u>	<u><b>Allocation</b></u>
a. Assistant Deputy (Maintenance)	101-5340	50%
	101-5350	50%
b. Maintenance Manager	101-5340	50%
	101-5350	50%
c. Assistant Maintenance Manager	101-5340	50%
	101-5350	50%
d. Maintenance Engineer/Asset Risk Manager	101-5340	50%
	101-5350	50%
e. Electrical Maintenance Manager	101-5340	50%
	101-5350	50%
f. Environmental Program Manager	101-5380	60%
	604-5000	40%
g. Environmental Program Coordinator	101-5380	40%
	604-5000	60%
h. Administrative Technician (1)	101-5380	50%
	604-5000	50%
Administrative Technician (1)	401-5511	20%
	401-5512	20%
	401-5513	20%
	401-5523	20%
	401-5530	20%
i. Sewer System Plants Manager	307-5000	32.6%
	310-5000	17.8%
	601-5000	49.6%
j. Wastewater Technician I	301-5100	50%
	310-5000	20%
	501-5000	30%
k. Information Systems Assistant (1)	307-5000	50%
	309-5000	50%
Information Systems Assistant (2)	310-5000	50%
	601-5000	50%

# 2018-2019 ANNUAL BUDGET

## EMPLOYEE CLASSIFICATION BY POSITION AND GRADE

### ALL SYSTEMS

	<u>Fund / Function</u>	<u>Allocation</u>
I. Assistant Deputy (Solid Waste)	401-5511	20%
	401-5512	20%
	401-5513	20%
	401-5523	20%
	401-5530	20%
m. Solid Waste System Manager	401-5511	25%
	401-5512	25%
	401-5513	25%
	401-5523	25%
n. Transfer Station Manager	401-5511	34%
	401-5512	33%
	401-5513	33%
o. 601 - Small WWTPs Allocations		
Wylie WWTP	304-5000	1.0%
South Rockwall WWTP (Buffalo Creek)	305-5000	25.0%
North Rockwall WWTP (Squabble Creek)	306-5000	14.0%
Sabine Creek WWTP	308-5000	25.0%
Seis Lagos WWTP	311-5000	8.0%
Royse City WWTP	312-5000	1.0%
Farmersville WWTP	313-5000	16.0%
Lavon WWTP	317-5000	10.0%

**2018-2019 ANNUAL BUDGET**

**EMPLOYEE CLASSIFICATION BY SYSTEM & CUSTOMERS SERVED**

	<u># FTEs</u>	<u>Customers Served</u>
101 - REGIONAL WATER SYSTEM		
Allocated	359.5	Allen, Farmersville, Forney, Frisco, Garland, McKinney, Mesquite, Plano, Princeton, Richardson, Rockwall, Royse City, Wylie, Able Springs WSC, Anna, Bear Creek SUD, BHP WSC, Bonham, Caddo Basin SUD, Cash SUD, College Mound SUD, Copeville SUD, Crandall, East Fork SUD, Fairview, Fate, Forney Lake WSC, Gastonia-Scurry SUD, GTUA, Heath, Josephine, Kaufman, Lavon, Little Elm, Lucas, Melissa, Milligan WSC, Mt. Zion WSC, Murphy, Nevada SUD, N.Collin SUD, Parker, Prosper, Rose Hill SUD, Rowlett, Sachse, Seagoville, Seis Lagos, Sunnyvale, Terrell, Wylie NE SUD
Non-Allocated	136	
	<b>495.5</b>	
301 - REGIONAL WASTEWATER SYSTEM		
Allocated	2	Allen, Forney, Frisco, Heath, McKinney, Mesquite, Plano, Princeton, Prosper, Richardson, Rockwall, Seagoville, Anna, Fairview, Lucas, Melissa, Parker
Non-Allocated	128.5	
	<b>130.5</b>	
401 - REGIONAL SOLID WASTE SYSTEM		Allen, Frisco, McKinney, Plano, Richardson
Allocated	19	
Non-Allocated	89	
	<b>108</b>	
501 - UPPER EAST FORK INTERCEPTOR SYSTEM		
Allocated	16	Allen, Frisco, McKinney, Plano, Princeton, Prosper, Richardson, Anna, Fairview, Lucas, Melissa, Parker, Murphy, Forney, Mesquite, Seagoville, Wylie, Fate, Royse City, Heath, Rockwall
Non-Allocated	3.3	
	<b>19.3</b>	
307 - Panther Creek WWTP	<b>17.826</b>	Frisco
309 - Stewart Creek WWTP	<b>18.5</b>	Frisco
310 - Muddy Creek WWTP	<b>19.378</b>	Murphy, Wylie
601 - SMALL WWTPs		
304 - Wylie WWTP	0.095	Wylie
305 - South Rockwall WWTP (Buffalo Creek)	2.374	Rockwall
306 - North Rockwall WWTP (Squabble Creek)	1.329	Rockwall
308 - Sabine Creek WWTP	2.374	Fate, Royse City
311 - Seis Lagos WWTP	0.760	Seis Lagos Subdivision
312 - Royse City WWTP	0.095	Royse City
313 - Farmersville WWTP	1.519	Farmersville
317 - Lavon WWTP	0.950	Lavon
	<b>9.496</b>	
604 - Wastewater Pretreatment Program	<b>7.5</b>	Allen, Forney, Frisco, McKinney, Mesquite, Plano, Rockwall, Seagoville, Sunnyvale, Terrell, Wylie
<b>TOTAL ALL SYSTEMS</b>	<b>826.0</b>	

**2018-2019 SALARY SCHEDULE  
ANNUAL AMOUNTS**

<u>GRADE</u>	<u>Minimum</u>	<u>Maximum</u>
16	\$ 30,507	\$ 45,151
17	\$ 32,113	\$ 47,526
18	\$ 33,718	\$ 49,903
19	\$ 35,404	\$ 52,398
20	\$ 37,174	\$ 55,018
21	\$ 39,033	\$ 57,769
22	\$ 40,986	\$ 60,658
23	\$ 43,034	\$ 63,690
24	\$ 45,185	\$ 66,874
25	\$ 47,445	\$ 70,219
26	\$ 49,817	\$ 73,730
27	\$ 52,308	\$ 77,416
28	\$ 54,923	\$ 81,288
29	\$ 57,670	\$ 85,351
30	\$ 60,553	\$ 89,619
31	\$ 63,580	\$ 94,100
32	\$ 66,760	\$ 98,805
33	\$ 70,099	\$ 103,745
34	\$ 73,602	\$ 108,933
35	\$ 77,282	\$ 114,379
36	\$ 81,148	\$ 120,098
37	\$ 85,204	\$ 126,103
38	\$ 89,464	\$ 132,407
39	\$ 93,938	\$ 139,027
40	\$ 98,635	\$ 145,980
41	\$ 103,566	\$ 153,279
42	\$ 108,745	\$ 160,942
43	\$ 114,182	\$ 168,989
44	\$ 119,892	\$ 177,439
45	\$ 125,886	\$ 186,311
46	\$ 132,180	\$ 195,627
47	\$ 138,789	\$ 205,407
48	\$ 145,729	\$ 215,678
DD	\$ 200,000	\$ 260,000
ED/GM	\$ 260,000	\$ 320,000

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

**2018 - 2019 ANNUAL BUDGET**

**CAPITAL OUTLAY SCHEDULE**

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

**REGIONAL WATER SYSTEM**

5313	INFORMATION TECHNOLOGY			
	540400	Office Equipment		
		BN Telephone System	\$ 430,000	
			<u>\$ 430,000</u>	
		Total		\$ 430,000
5330	PLANT OPERATIONS			
	540500	Machinery		
		Flocculators, Rapid Mixers, Sludge Rakes, Misc. Pumps	\$ 72,000	
		Reclaim Pump (Plant IV)	52,000	
		Underdrain Pump with Motor (Plant II)	40,000	
		4 - Ozone Sidestream Pumps	30,000	
		Reclaim Pump (Plant II)	30,000	
		Sludge Pump (Plant IV)	30,000	
		Dewatering Pump	25,000	
			<u>\$ 279,000</u>	
	540700	Non-Vehicle Equipment		
		27 - Weather Station & Rain Gage 4G Modems (Repl)	\$ 14,960	
			<u>\$ 14,960</u>	
		Total		\$ 293,960
5334	EAST FORK RAW WATER SUPPLY			
	540700	Non-Vehicle Equipment		
		Cell Dewatering Pump	\$ 35,000	
			<u>\$ 35,000</u>	
		Total		\$ 35,000
5340	FACILITIES SERVICES			
	540300	Vehicle Equipment		
		1 Ton 4X4 Diesel Crew Cab Pickup (Repl)	\$ 50,000	
			<u>\$ 50,000</u>	
	540700	Non-Vehicle Equipment		
		Portable Light Unit	\$ 19,300	
		Walk-Behind Concrete Saw	12,000	
			<u>\$ 31,300</u>	
		Total		\$ 81,300
5350	TECHNICAL SERVICES			
	540300	Vehicle Equipment		
		2 - 3/4 Ton Extended Cab Utility Bed Pickups (Repl)	\$ 120,000	
			<u>\$ 120,000</u>	
	540700	Non-Vehicle Equipment		
		Fork Lift (Forney)	\$ 40,000	
		Broach Machine	30,000	
		Welder (Repl)	22,000	
		High Voltage Megger	20,000	
		2 - 12' Cargo Trailers (Repl)	12,000	
		Hart Programmer	12,000	
		Valve Out Tool	8,500	

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

		Two Way Radio System	8,000		
		Portable Bearing Heater	6,500		
		Core Drilling Machine	6,000		
		Sand Blasting Cabinet (Forney)	5,000		
			<u>\$</u>	<u>170,000</u>	
		Total			\$ 290,000
5360	LABORATORY				
	540200	Building			
		Building Improvements	\$	40,000	
			<u>\$</u>	<u>40,000</u>	
	541000	Laboratory Equipment			
		Ion Chromatograph	\$	80,000	
		Discrete Analyzer		70,000	
		2 - Drying Ovens		16,000	
			<u>\$</u>	<u>166,000</u>	
	542000	Other Capital Outlay			
		Server Upgrade	\$	40,000	
			<u>\$</u>	<u>40,000</u>	
		Total			\$ 246,000
5370	ENGINEERING				
	540300	Vehicle Equipment			
		3 - 1/2 Ton 4X4 Extended Cab Pickups (Repl)	\$	104,700	
		1/2 Ton Pickup (Repl)		26,500	
			<u>\$</u>	<u>131,200</u>	
		Total			\$ 131,200
5380	ENVIRONMENTAL SERVICES				
	541000	Laboratory Equipment			
		Datasondes	\$	20,000	
			<u>\$</u>	<u>20,000</u>	
		Total			\$ 20,000
		Total Regional Water System			<u>\$ 1,527,460</u>

**SEWER SYSTEM**

305	S. ROCKWALL WWTP				
	540500	Machinery			
		Storm Water Pump	\$	15,000	
			<u>\$</u>	<u>15,000</u>	
		Total			\$ 15,000
306	N. ROCKWALL WWTP				
	540500	Machinery			
		Polymer Pump	\$	8,000	
		Sludge Feed Pump		6,000	
			<u>\$</u>	<u>14,000</u>	
		Total			\$ 14,000

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

307	PANTHER CREEK WWTP				
	540500	Machinery			
		Recirculation Pump and Motor	\$	20,000	
		HVAC System Units (MCC Room)		<u>15,000</u>	
			\$	<u>35,000</u>	
		Total			\$ 35,000
308	SABINE CREEK WWTP				
	540500	Machinery			
		Blower	\$	50,000	
		Influent Pump		15,000	
		Influent Pump Suction Valve (Repl)		10,000	
		Polymer Pump (Repl)		8,000	
		RAS Pump (Repl)		<u>8,000</u>	
			\$	<u>91,000</u>	
		Total			\$ 91,000
309	STEWART CREEK WWTP				
	540700	Non-Vehicle Equipment			
		Manlift	\$	<u>50,000</u>	
			\$	<u>50,000</u>	
		Total			\$ 50,000
310	MUDDY CREEK WWTP				
	540500	Machinery			
		Additional UV Disinfection System	\$	175,000	
		Weir Cleaning System (Secondary Clarifier)		56,490	
		Centrifugal Blower (Repl)		55,000	
		Non-Potable Water Pump		35,000	
		Primary Clarifier Rehabilitation		35,000	
		Sludge Conveyor Scale		<u>17,000</u>	
			\$	<u>373,490</u>	
	542000	Other Capital Outlay			
		Sludge Feed System Piping & Valves	\$	<u>100,000</u>	
			\$	<u>100,000</u>	
		Total			\$ 473,490
317	LAVON WWTP				
	540200	Building			
		Chlorine Building	\$	<u>5,000</u>	
			\$	<u>5,000</u>	
	540500	Machinery			
		Lift Pump (Spare)	\$	<u>8,000</u>	
			\$	<u>8,000</u>	
		Total			\$ 13,000
		Total Sewer System			<u>\$ 691,490</u>



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

**REGIONAL WASTEWATER SYSTEM**

5080	WILSON CREEK WWTP			
540300	Vehicle Equipment			
	Roll Off Truck (Repl)	\$	180,000	
	2 - Operations Carts		13,600	
		\$	193,600	
540500	Machinery			
	Grit Pump and Classifier Assembly (Repl)	\$	100,000	
	RAS Pump (Repl)		90,000	
	2 - Double Disc Pumps (Repl)		76,000	
		\$	266,000	
540700	Non-Vehicle Equipment			
	Process Control Instruments	\$	380,000	
	3 - 30 Yard Sludge Containers (Repl)		25,500	
		\$	405,500	
	Total			\$ 865,100
5100	ROWLETT CREEK WWTP			
540300	Vehicle Equipment			
	Operations Cart (Repl)	\$	12,000	
		\$	12,000	
540500	Machinery			
	Blower (Train A - Repl)	\$	80,000	
	2 - Chlorine Feed Cabinets (Repl)		30,000	
	Dissolved Oxygen Meter (Train A)		26,000	
	3 - RAS Pump Check Valves (Repl)		18,000	
	5 - Discharge Valves (Plano Pumps 1-5)		15,000	
	Submersible Pump (Repl)		13,000	
		\$	182,000	
540700	Non-Vehicle Equipment			
	Roll Off Trailer (Repl)	\$	70,000	
	3 - 30 Yard Sludge Containers (Repl)		25,500	
		\$	95,500	
	Total			\$ 289,500
5180	MESQUITE WWTP			
540300	Vehicle Equipment			
	2 - Operations Carts	\$	34,000	
		\$	34,000	
540500	Machinery			
	Hydraulic Ram Valve (Lift Station #2)	\$	172,000	
	Clarifier Drive (Primary No. 1)		112,000	
	IntelliRupter Switch Crossarm (Overhead Power)		37,000	
	6 - 4" Butterfly Valves (Aeration 1-6 BNR System)		33,000	
	Weir Cleaning System (Secondary Clarifier)		32,000	
	Continuous Turbidity Monitoring System		25,000	
	Continuous Dissolved Oxygen Monitoring (Aerations 7-9)		18,500	
	ORP Continuous Monitoring System (Aeration 1-6)		16,000	
	Scum Pump (Clarifier)		16,000	
	Control Panel Filter Bridge		14,500	
		\$	476,000	

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

541000	Laboratory Equipment		
	Double Door Lab Refrigerator	\$ 8,500	
		<u>\$ 8,500</u>	
542000	Other Capital Outlay		
	Volutes, Valves and Pedestals (Lift Station #2)	\$ 153,000	
	Washdown Pad	<u>102,200</u>	
		<u>\$ 255,200</u>	
	Total		\$ 773,700
	Total Regional Wastewater System		<u>\$ 1,928,300</u>

**REGIONAL SOLID WASTE SYSTEM**

5511	LOOKOUT TRANSFER STATION		
540300	Vehicle Equipment		
	4 - Transfer Trailers	\$ 340,000	
	Transport Truck (Repl)	<u>150,000</u>	
		<u>\$ 490,000</u>	
	Total		\$ 490,000
5512	PARKWAY TRANSFER STATION		
540300	Vehicle Equipment		
	Transport Truck (Repl)	\$ 150,000	
		<u>\$ 150,000</u>	
	Total		\$ 150,000
5513	CUSTER TRANSFER STATION		
540200	Building		
	Awning (Scale Window)	\$ 7,500	
		<u>\$ 7,500</u>	
540300	Vehicle Equipment		
	5 - Transfer Trailers	\$ 425,000	
	Wheel Loader (Repl)	400,000	
	Transport Truck (Repl)	<u>150,000</u>	
		<u>\$ 975,000</u>	
542000	Other Capital Outlay		
	Road Repair	\$ 150,000	
		<u>\$ 150,000</u>	
	Total		\$ 1,132,500
5523	121 REGIONAL DISPOSAL FACILITIES		
540300	Vehicle Equipment		
	Bulldozer	\$ 890,000	
	Landfill Tipper	400,000	
	Fuel Truck	325,000	
	3/4 Ton 4X4 Diesel Crew Cab Pickup (Repl)	<u>49,050</u>	
		<u>\$ 1,664,050</u>	
541510	Landfill Devel Cost - Contract		
	Geosynthetics 8 acres (Sector 5C)	\$ 520,000	
	Liner Construction 8 acres (Sector 5C)	<u>382,000</u>	
		<u>\$ 902,000</u>	

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

542000	Other Capital Outlay			
	Entrance Road Concrete Pavement	\$	300,000	
		\$	300,000	
	Total			\$ 2,866,050
5530	FLEET MAINTENANCE SHOP			
540200	Building			
	Diesel Exhaust Fluid Tank	\$	30,000	
		\$	30,000	
540300	Vehicle Equipment			
	1/2 Ton Pickup (Repl)	\$	28,950	
		\$	28,950	
	Total			\$ 58,950
	Total Regional Solid Waste System			\$ 4,697,500
<b>UPPER EAST FORK INTERCEPTOR SYSTEM</b>				
501	UPPER EAST FORK INTERCEPTOR SYSTEM			
540500	Machinery			
	Portable 6" Pump	\$	15,000	
		\$	15,000	
540700	Non-Vehicle Equipment			
	Pumps and Motors (Repl)	\$	220,000	
		\$	220,000	
	Total			\$ 235,000
	Total Upper East Fork Interceptor System			\$ 235,000
	<b>TOTAL ALL SYSTEMS</b>			<b>\$ 9,079,750</b>

**2018 - 2019 ANNUAL BUDGET**  
**CAPITAL IMPROVEMENT PLAN CONTRACTS**

**CAPITAL IMPROVEMENT PLAN CONTRACTS**  
All Systems

System / Project	Type	Driver	Est Award	Amount	Funding
<b><u>Regional Water System:</u></b>					
LBCR Mitigation	Cnstr	G	Jul-18	\$ 114,389,948	04/18 SWIFT
LBCR Mitigation	Cnstr	G	Jul-18	21,608,042	18 Cap Imp
LBCR 90" Pipeline & 84" Treated Water Line	Cnstr	G	Jul-18	250,000	04/18 SWIFT
Treated Water Pipeline from Leonard WTP to McKinney No. 4	Prop	G	Jul-18	7,230,500	04/18 SWIFT
Wylie WTP I Washwater Supply Tank Rehab	Eng	M	Jul-18	240,000	18 Cap Imp
Transmission System Water Quality Analyzers	Eng	M	Jul-18	211,000	18 Cap Imp
Texoma Raw Water Pipeline Imp. at Surge Tank	Eng	M	Jul-18	87,000	18 Cap Imp
Texoma Surge Mixing & Blending Tanks Imp.	Eng	M	Jul-18	65,000	18 Cap Imp
Wylie WTP II, Filter Underdrain Imp. & Conversion to Biological Filters Ph II - SCADA	Insp	M	Jul-18	135,530	18 Cap Imp
SCADA System Upgrade at Wylie WTP III - SCADA	Insp	M	Jul-18	73,260	18 Cap Imp
High Service Pump Station 3-1 Imp.	Insp	M	Jul-18	72,864	18 Cap Imp
Wylie WTP I, Rapid Mix & Sedimentation Imp. - SCADA	Insp	M	Jul-18	38,026	18 Cap Imp
LBCR Pump Station & Leonard WTP - Electrical Power Transmission Lines	Cnstr	G	Aug-18	31,895,000	04/18 SWIFT
LBCR Property	Prop	G	Aug-18	11,580,000	04/18 SWIFT
LBCR Mitigation	Prop	G	Aug-18	250,000	04/18 SWIFT
Wylie WTP Emergency Notification System	Cnstr	R	Aug-18	3,923,000	16 Bonds
HSPS 3-1 Imp.	Cnstr	M	Aug-18	7,209,000	18 Cap Imp
Systemwide Air Valve Imp. - South System Phase I	Cnstr	M	Aug-18	2,417,000	18 Cap Imp
4 MG North & South Clearwell Roof Imp. at Wylie WTP II	Cnstr	R	Aug-18	1,236,000	18 Cap Imp
Wylie Rockwall Farmersville 36"/48" Pipeline Imp. Phase II Property	Prop	M	Aug-18	992,000	18 Cap Imp
Wylie WTP Mid Plant Surface Water Imp.	Eng	G	Aug-18	283,000	18 Cap Imp
Water System Operations Center	Insp	G	Aug-18	160,000	18 Cap Imp
Water Pipeline Relocations at FM 3549	Prop	G	Aug-18	150,000	18 Cap Imp
LBCR Prog. Mgmt - Lake Operations & Engineering/Disaster Response Plans	Eng	G	Sep-18	567,000	04/18 SWIFT
Systemwide Meter Vault Imp. - Setpoint Control Phase II	Cnstr	M	Sep-18	9,837,000	18 Cap Imp
Wylie WTPs Chlorine System Imp.	Cnstr	M	Sep-18	9,287,000	18 Cap Imp
Renner Road to Plano Delivery Point No. 2	Cnstr	G	Sep-18	3,978,000	18 Cap Imp
Wylie WTP III Turbidimeter & WTP IV Filter Performance Imp.	Cnstr	R	Sep-18	2,560,000	18 Cap Imp
SCADA System Upgrade at Wylie WTP III	Cnstr	M	Sep-18	1,580,000	18 Cap Imp
Exp & HSPS 3-1 to 450 MGD, add 2 Pumps & AFD's	Eng	G	Sep-18	1,156,000	18 Cap Imp
Shiloh System Ground Storage Tank	Prop	R	Sep-18	913,000	18 Cap Imp
Bonham - Tawakoni WTP Imp.	Eng	M	Sep-18	696,000	18 Cap Imp
Mesquite to Forney Pipeline Relocation at SH 352	Cnstr	G	Sep-18	542,000	18 Cap Imp
HSPS 2-1 Electrical Imp Phase II	Eng	M	Sep-18	309,000	18 Cap Imp
SCADA System Upgrade 2019	Eng	G	Sep-18	227,000	18 Cap Imp
Texoma Surge Mixing & Blending Tanks Imp.	Eng	M	Sep-18	30,000	18 Cap Imp
Water Pipeline Relocations at FM 3549	Cnstr	G	Sep-18	948,000	18 Cap Imp
LBCR Communication Plan with Fannin County Sheriff's Department	Eng	G	Oct-18	600,000	04/18 SWIFT
70 MGD Leonard WTP Site Phase I	Cnstr	G	Oct-18	40,000,000	11/18 SWIFT
70 MGD Leonard WTP Site Phase I	Cnstr	G	Oct-18	232,600,000	11/18 SWIFT
Wylie WTP Power System Imp. Phase II	Cnstr	M	Oct-18	4,630,000	16 Bonds
Wylie WTP II, Filters Imp.	Eng	M	Oct-18	2,670,000	19 Cap Imp
Pipeline Relocations at FM 2478 (Custer Road)	Prop	G	Oct-18	680,000	19 Cap Imp
Relocation of 84" & 42" Waterline in Parker near Southridge Parkway	Eng	G	Oct-18	515,000	19 Cap Imp
Shiloh System Ground Storage Tank	Eng	R	Oct-18	349,000	19 Cap Imp
Rockwall High Service Pump Station Imp.	Eng	M	Oct-18	320,000	19 Cap Imp
Sulphur River Basin Supply Project	Legal	G	Oct-18	247,000	19 Cap Imp
Wylie WTP II, Plant Water Upgrade	Eng	M	Oct-18	190,000	19 Cap Imp
Wylie WTP III, Electrical Buildings Imp.	Eng	M	Oct-18	176,000	19 Cap Imp
Wylie WTP Ammonia System Imp.	Eng	M	Oct-18	155,000	19 Cap Imp
Wylie WTP Meter Vault Imp.	Eng	M	Oct-18	76,000	19 Cap Imp
Wylie WTP IV Filter Complex Structural Imp.	Eng	M	Oct-18	73,000	19 Cap Imp
Texoma Raw Water Pipeline Imp. at Surge Tank	Cnstr	M	Oct-18	265,000	19 Cap Imp
Wylie WTP I Washwater Supply Tank Rehab	Cnstr	M	Oct-18	2,050,000	19 Cap Imp
LBCR Pipeline	Cnstr	G	Nov-18	88,236,000	04/18 SWIFT
LBCR Pump Station	Cnstr	G	Nov-18	69,300,000	04/18 SWIFT
LBCR Pump Station - Discharge Pipeline	Cnstr	G	Nov-18	2,950,000	04/18 SWIFT
LBCR Prog. Management - Shoreline Management Plan	Eng	G	Nov-18	550,000	11/18 SWIFT
LBCR Terminal Storage Reservoir	Cnstr	G	Nov-18	153,000	11/18 SWIFT
Systemwide Air Valve Imp. - North System Phase I	Cnstr	M	Nov-18	2,890,000	19 Cap Imp
Princeton No. 2 Delivery Point	Cnstr	G	Nov-18	2,570,000	19 Cap Imp

**CAPITAL IMPROVEMENT PLAN CONTRACTS**  
All Systems

System / Project	Type	Driver	Est Award	Amount	Funding
Wylie WTP III, Power Redundancy	Eng	M	Nov-18	\$ 960,000	19 Cap Imp
Texoma Surge Mixing & Blending Tanks Imp.	Cnstr	M	Nov-18	315,000	19 Cap Imp
20" Forney to Kaufman Waterline Imp.	Eng	M	Nov-18	230,000	19 Cap Imp
Pipeline Relocations at FM 2478 (Custer Road)	Insp	G	Nov-18	43,000	19 Cap Imp
Pipeline Relocations at FM 2478 (Custer Road)	Cnstr	G	Nov-18	2,163,000	19 Cap Imp
LBCR Construction Management Services	Insp	G	Dec-18	7,304,870	11/18 SWIFT
LBCR Construction Management Services	Cnstr	G	Dec-18	4,234,750	04/18 SWIFT
LBCR Additional Prog. Management & Quality Assurance	Cnstr	G	Dec-18	2,748,000	04/18 SWIFT
Transmission System Water Quality Analyzers	Cnstr	M	Dec-18	2,000,000	19 Cap Imp
Wylie WTP IV Filter Complex Structural Imp.	Cnstr	M	Jan-19	23,650,000	19 Cap Imp
LBCR Pipeline	Cnstr	G	Feb-19	98,830,000	11/18 SWIFT
Treated Water Pipeline from Leonard WTP to McKinney No. 4 - Pipe Procurement	Cnstr	G	Feb-19	53,678,000	04/18 SWIFT
Wylie Rockwall Farmersville 36"/48" Pipeline Imp. Phase II	Cnstr	M	Feb-19	18,282,000	16 Bonds
Systemwide Air Valve Imp. - South System Phase II	Cnstr	M	Feb-19	2,515,000	16 Bonds
Wylie WTP II Metering Imp.	Cnstr	M	Feb-19	2,110,000	16 Bonds
McKinney Delivery Point No. 3 to McKinney Delivery Point No. 4 Pipeline	Eng	G	Feb-19	2,350,000	19 Cap Imp
Texoma Raw Water Pipeline Fiber Optic Imp.	Eng	G	Feb-19	365,000	19 Cap Imp
LBCR Lake Office	Cnstr	G	Mar-19	3,605,000	04/18 SWIFT
90 MGD Leonard WTP HSPS	Cnstr	G	Mar-19	60,564,000	04/18 SWIFT
Wylie WTP Road Imp.	Eng	M	Mar-19	212,000	19 Cap Imp
Forney Site Imp.	Eng	M	Mar-19	170,000	19 Cap Imp
Sulphur River Basin Supply Project - Permitting & Mitigation	Perm	G	Apr-19	2,350,000	19 Cap Imp
Relocation of 84" & 42" Waterline in Parker near Southridge Parkway	Prop	G	Apr-19	1,060,000	19 Cap Imp
Wylie WTP Ammonia System Imp.	Cnstr	M	Apr-19	1,050,000	19 Cap Imp
Sulphur River Basin Supply Project	Legal	G	Apr-19	250,000	19 Cap Imp
Systemwide Meter Vault Imp. - Setpoint Control Phase III	Cnstr	M	Apr-19	10,885,000	19 Cap Imp
Systemwide Air Valve Imp. - North System Phase II	Cnstr	M	Apr-19	2,885,000	19 Cap Imp
Apollo Pump Station No. 1 Back-Up Power Imp.	Eng	R	Apr-19	38,000	19 Cap Imp
SCADA System Upgrade 2019	Cnstr	G	May-19	990,000	19 Cap Imp
Trinity River Main Stem Pump Station Lock & Dam Structure	Eng	G	May-19	306,000	19 Cap Imp
Wylie WTP I & II Outfall	Eng	M	May-19	65,000	19 Cap Imp
Leonard WTP Terminal Storage Reservoir Phase I (210 MG)	Cnstr	G	Jun-19	32,239,000	11/18 SWIFT
McKinney Delivery Point No. 3 to McKinney Delivery Point No. 4 Pipeline	Prop	G	Jun-19	4,425,000	19 Cap Imp
Rockwall High Service Pump Station Imp.	Cnstr	M	Jun-19	2,910,000	19 Cap Imp
Wylie WTP Mid Plant Surface Water Imp.	Cnstr	G	Jun-19	1,075,000	19 Cap Imp
Additional Clearwells at Wylie WTP 2021	Eng	G	Jun-19	1,760,000	19 Cap Imp
Hailey Site Imp.	Eng	M	Jun-19	137,000	19 Cap Imp
HSPS 2-1 Electrical Imp Phase II	Cnstr	M	Jul-19	3,330,000	19 Cap Imp
Treated Water Pipeline from Leonard WTP to McKinney No. 4	Cnstr	G	Aug-19	67,245,000	11/18 SWIFT
Relocation of 84" & 42" Waterline in Parker near Southridge Parkway	Cnstr	G	Aug-19	5,883,000	19 Cap Imp
20" Forney to Kaufman Waterline Imp.	Cnstr	M	Aug-19	2,305,000	19 Cap Imp
Bonham - Tawakoni WTP Imp.	Cnstr	M	Aug-19	6,200,000	19 Cap Imp
LBCR Boat Ramps	Cnstr	G	Sep-19	4,223,000	04/18 SWIFT
20" Wylie to Rockwall Waterline Imp.	Eng	M	Sep-19	485,000	19 Cap Imp
<b>Total</b>				<b>\$ 1,127,796,790</b>	

**Funding - FY 2018**

16 Bonds	3,923,000
18 Cap Imp	67,040,722
04/18 SWIFT	166,162,448

**Total FY18 \$ 237,126,170**

**Funding - FY 2019**

16 Bonds	27,537,000
19 Cap Imp	94,073,000
04/18 SWIFT	290,138,750
11/18 SWIFT	478,921,870

**Total FY19 \$ 890,670,620**

**Total \$ 1,127,796,790**

**CAPITAL IMPROVEMENT PLAN CONTRACTS**  
All Systems

System / Project	Type	Driver	Est Award	Amount	Funding
<b>Funding - FY 2018</b>					
(M) Maintaining Aging Infrastructure				\$ 33,279,680	14.0%
(R) Regulatory Requirements				8,632,000	3.6%
(G) Expanding / New Growth				195,214,490	82.3%
(P) Peak Flows / New Growth				-	0.0%
<b>Total FY18</b>				<b>\$ 237,126,170</b>	21.0%
<b>Funding - FY 2019</b>					
(M) Maintaining Aging Infrastructure				94,191,000	10.6%
(R) Regulatory Requirements				387,000	0.0%
(G) Expanding / New Growth				796,092,620	89.4%
(P) Peak Flows / New Growth				-	0.0%
<b>Total FY19</b>				<b>\$ 890,670,620</b>	79.0%
<b>Total</b>				<b>\$ 1,127,796,790</b>	100%

**Regional Wastewater System:**

Wilson Creek Expansion to 64 MGD - SCADA	Insp	G	Jul-18	\$ 30,000	16 Bonds
Rowlett Creek Peak Flow Management Phase I Imp. - SCADA	Insp	P	Jul-18	36,000	16 Bonds
Wilson Creek Advanced Treatment & Headworks Imp. - SCADA	Insp	P	Jul-18	42,000	15 Bonds
South Mesquite Filter & UV Imp. - SCADA	Insp	M	Jul-18	29,000	17 Bonds
South Mesquite Influent Flow Handling & Secondary Clarifier Imp. - SCADA	Insp	M	Jul-18	27,000	18 Bonds
Wilson Creek Electrical Imp. Phase II	Cnstr	M	Jul-18	14,400,000	18 Bonds
Wilson Creek Electrical Imp. Phase II	Insp	M	Jul-18	288,000	18 Bonds
Wilson Creek Step Feed & Plant Drain Imp.	Eng	M	Jul-18	516,000	18 Bonds
Rowlett Creek Peak Flow Management Phase I Imp.	Insp	P	Aug-18	268,000	18 Bonds
Orr Road Imp.	Cnstr	M	Sep-18	1,061,447	17 Bonds
Rowlett Creek Peak Flow Management Phase II Imp.	Eng	P	Sep-18	4,330,000	18 Bonds
South Mesquite Solids Handling Imp.	Eng	M	Sep-18	1,600,000	18 Bonds
South Mesquite Peak Flow Management	Eng	P	Oct-18	250,000	18 Bonds
Regional Water Resource Recovery Facility	Eng	G	Dec-18	11,500,000	18 Bonds
Floyd Branch Optimization Process Imp.	Cnstr	M	Feb-19	12,310,000	19 Bonds
Floyd Branch Optimization Process Imp.	Insp	M	Feb-19	184,000	19 Bonds
Wilson Creek Maintenance Facility & Solids Operations Facility	Cnstr	M	Apr-19	4,280,000	19 Bonds
Wilson Creek Maintenance Facility & Solids Operations Facility	Insp	M	Apr-19	58,000	19 Bonds
Wilson Creek Electrical Imp. Phase III	Eng	M	Jun-19	540,000	19 Bonds
Wilson Creek Step Feed & Plant Drain Imp.	Cnstr	M	Jun-19	4,120,000	19 Bonds
Wilson Creek Step Feed & Plant Drain Imp.	Insp	M	Jun-19	83,000	19 Bonds
Rowlett Creek Peak Flow Management Phase II Imp.	Prop	P	Jul-19	273,000	19 Bonds
South Mesquite Solids Handling Imp.	Cnstr	M	Sep-19	19,930,000	19 Bonds
South Mesquite Solids Handling Imp.	Insp	M	Sep-19	412,000	19 Bonds
<b>Total</b>				<b>\$ 76,567,447</b>	

**Funding - FY 2018**

15 Bonds	42,000
16 Bonds	66,000
17 Bonds	1,090,447
18 Bonds	21,429,000

**Total FY18 \$ 22,627,447**

**Funding - FY 2019**

18 Bonds	11,750,000
19 Bonds	42,190,000

**Total FY19 \$ 53,940,000**

**Total \$ 76,567,447**

**CAPITAL IMPROVEMENT PLAN CONTRACTS**  
All Systems

System / Project	Type	Driver	Est Award	Amount	Funding
<b>Funding - FY 2018</b>					
(M) Maintaining Aging Infrastructure				\$ 17,921,447	79.2%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				30,000	0.1%
(P) Peak Flows / New Growth				4,676,000	20.7%
<b>Total FY18</b>				<b>\$ 22,627,447</b>	29.6%
<b>Funding - FY 2019</b>					
(M) Maintaining Aging Infrastructure				41,917,000	77.7%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				11,500,000	21.3%
(P) Peak Flows / New Growth				523,000	1.0%
<b>Total FY19</b>				<b>\$ 53,940,000</b>	70.4%
<b>Total</b>				<b>\$ 76,567,447</b>	100.0%
<b>Regional Solid Waste System:</b>					
Maxwell Creek Landfill Environmental Controls	Insp	M	Jul-18	\$ 94,200	18 Cap Imp
Contracted Project Management	Eng	G	Aug-18	89,659	18 Cap Imp
121 RDF Bypass Lane Imp.	Cnstr	M	Nov-18	1,900,000	19 Cap Imp
121 RDF Bypass Lane Imp.	Eng	M	Nov-18	80,000	19 Cap Imp
121 RDF Bypass Lane Imp.	Insp	M	Nov-18	38,000	19 Cap Imp
North Transfer Station	Eng	G	Dec-18	20,000	16 Bonds
North Transfer Station	Prop	G	Feb-19	2,250,000	17 Bonds
North Transfer Station	Perm	G	Mar-19	515,000	17 Bonds
Parkway Transfer Station Conversion	Eng	M	Apr-19	206,000	16 Bonds
<b>Total</b>				<b>\$ 5,192,859</b>	
<b>Funding - FY 2018</b>					
				17 Cap Imp	-
				18 Cap Imp	183,859
<b>Total FY18</b>				<b>\$ 183,859</b>	
<b>Funding - FY 2019</b>					
				16 Bonds	226,000
				17 Bonds	2,765,000
				18 Cap Imp	-
				19 Cap Imp	2,018,000
<b>Total FY19</b>				<b>\$ 5,009,000</b>	
<b>Total</b>				<b>\$ 5,192,859</b>	
<b>Funding - FY 2018</b>					
(M) Maintaining Aging Infrastructure				94,200	51.2%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				89,659	48.8%
(P) Peak Flows / New Growth				-	0.0%
<b>Total FY18</b>				<b>\$ 183,859</b>	3.5%
<b>Funding - FY 2019</b>					
(M) Maintaining Aging Infrastructure				2,224,000	44.4%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				2,785,000	55.6%
(P) Peak Flows / New Growth				-	0.0%
<b>Total FY19</b>				<b>\$ 5,009,000</b>	96.5%
<b>Total</b>				<b>\$ 5,192,859</b>	100.0%



**CAPITAL IMPROVEMENT PLAN CONTRACTS**  
**All Systems**

System / Project	Type	Driver	Est Award	Amount	Funding
<b><u>Upper East Fork Interceptor System:</u></b>					
Lower Rowlett Creek & Lower Cottonwood Creek LS Impr. - SCADA	Insp	P	Jul-18	\$ 10,358	16 Bonds
Rowlett Creek Parallel Trunk Sewer Extension	Cnstr	P	Sep-18	5,500,000	17 Bonds
Preston Road Lift Station Surge Tank	Cnstr	M	Sep-18	20,000	18 Bonds
McKinney-Prosper Transfer Sewer Phase I, II & III	Eng	P	Sep-18	3,013,000	18 Bonds
North McKinney Transfer Force Main	Eng	P	Sep-18	155,000	17 Bonds
North McKinney Transfer Lift Station	Eng	P	Sep-18	224,000	17 Bonds
Rowlett Creek Parallel Trunk Sewer Extension	Insp	P	Sep-18	110,000	17 Bonds
Beck Branch Parallel Interceptor Imp.	Cnstr	P	Oct-18	6,700,000	18 Bonds
McKinney & Upper Cottonwood Creek Lift Stations Metering Imp.	Cnstr	M	Oct-18	600,000	17 Bonds
McKinney & Upper Cottonwood Creek Lift Stations Metering Imp.	Insp	M	Oct-18	15,000	17 Bonds
Plano Spring Creek Force Main Parallel	Prop	P	Oct-18	224,000	17 Bonds
Beck Branch Parallel Interceptor Imp.	Insp	P	Oct-18	100,000	18 Bonds
Pipeline Relocations at FM 2478 (Custer Road)	Cnstr	G	Nov-18	760,000	18 Bonds
Pipeline Relocations at FM 2478 (Custer Road)	Insp	G	Nov-18	16,000	18 Bonds
Lower Rowlett Creek & Lower Cottonwood Creek LS Imp.	Insp	P	Nov-18	82,215	18 Bonds
Plano Spring Creek Force Main Parallel	Cnstr	P	Jan-19	14,700,000	18 Bonds
Plano Spring Creek Force Main Parallel	Insp	P	Jan-19	320,000	18 Bonds
North McKinney Parallel Interceptor	Prop	P	Jan-19	2,400,000	17 Bonds
121 Force Main Imp.	Eng	M	Feb-19	670,000	18 Bonds
UEFIS Capacity Assessment Phase III	Eng	P	Feb-19	1,545,000	18 Bonds
UEFIS Manhole & McKinney Eastside Extension Imp.	Cnstr	M	Mar-19	5,500,000	18 Bonds
McKinney Lift Station Imp.	Cnstr	P	Mar-19	28,840,000	19 Bonds
McKinney Lift Station Imp.	Insp	P	Mar-19	580,000	19 Bonds
UEFIS Manhole & McKinney Eastside Extension Imp.	Insp	M	Apr-19	110,000	18 Bonds
121 Force Main Imp.	ROW	M	Apr-19	52,000	18 Bonds
North McKinney Transfer Lift Station	Eng	P	Apr-19	2,800,000	18 Bonds
McKinney-Prosper Transfer Sewer Phase I	Prop	P	May-19	1,133,000	18 Bonds
Wilson Creek Lift Station Imp.	Cnstr	P	Jun-19	7,107,000	19 Bonds
Wilson Creek Lift Station Imp.	Insp	P	Jun-19	139,000	19 Bonds
North McKinney Transfer Force Main	Prop	P	Jul-19	3,153,000	18 Bonds
Preston Road Lift Station Expansion to 40 MGD	Eng	P	Aug-19	309,000	19 Bonds
North McKinney Parallel Interceptor	Cnstr	P	Aug-19	10,815,000	19 Bonds
North McKinney Transfer Lift Station	Prop	P	Aug-19	927,000	19 Bonds
North McKinney Parallel Interceptor	Insp	P	Aug-19	155,000	19 Bonds
North McKinney Transfer Force Main	Eng	P	Sep-19	1,644,000	19 Bonds
			<b>Total</b>	<b>\$ 100,428,573</b>	
<b><u>Funding - FY 2018</u></b>					
			16 Bonds	10,358	
			17 Bonds	5,989,000	
			18 Bonds	3,033,000	
			<b>Total FY18</b>	<b>\$ 9,032,358</b>	
<b><u>Funding - FY 2019</u></b>					
			17 Bonds	3,239,000	
			18 Bonds	37,641,215	
			19 Bonds	50,516,000	
			<b>Total FY19</b>	<b>\$ 91,396,215</b>	
			<b>Total</b>	<b>\$ 100,428,573</b>	
<b><u>Funding - FY 2018</u></b>					
	(M) Maintaining Aging Infrastructure			20,000	0.2%
	(R) Regulatory Requirements			-	0.0%
	(G) Expanding / New Growth			-	0.0%
	(P) Peak Flows / New Growth			9,012,358	99.8%
	<b>Total FY18</b>			<b>\$ 9,032,358</b>	9.0%

**CAPITAL IMPROVEMENT PLAN CONTRACTS**  
All Systems

System / Project	Type	Driver	Est Award	Amount	Funding
<b>Funding - FY 2019</b>					
(M) Maintaining Aging Infrastructure				\$ 6,947,000	7.6%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				776,000	0.8%
(P) Peak Flows / New Growth				83,673,215	91.5%
<b>Total FY19</b>				<b>\$ 91,396,215</b>	91.0%
<b>Total</b>				<b>\$ 100,428,573</b>	100.0%
<b>Buffalo Creek Interceptor:</b>					
Buffalo Creek Parallel Interceptor Phase I	Eng	P	Jul-18	\$ 137,000	City
Buffalo Creek Parallel Interceptor Phase I	Prop	P	Sep-18	474,000	City
Buffalo Creek Parallel Interceptor Phase I	Cnstr	P	Feb-19	18,277,000	Bonds
Buffalo Creek Parallel Interceptor Phase I	Insp	P	Feb-19	335,000	Bonds
Buffalo Creek Force Main Parallel	Eng	P	Jul-19	215,000	Bonds
Buffalo Creek Lift Station Expansion	Eng	P	Dec-19	2,785,000	Bonds
Buffalo Creek Force Main Parallel	Prop	P	Feb-20	536,000	Bonds
<b>Total</b>				<b>\$ 22,759,000</b>	
<b>Funding - FY 2018</b>					
				City	611,000
<b>Total FY18</b>				<b>\$ 611,000</b>	
<b>Funding - FY 2019</b>					
				Bonds	22,148,000
				City	-
<b>Total FY19</b>				<b>\$ 22,148,000</b>	
<b>Total</b>				<b>\$ 22,759,000</b>	
<b>Funding - FY 2018</b>					
(M) Maintaining Aging Infrastructure				-	0.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				-	0.0%
(P) Peak Flows / New Growth				611,000	100.0%
<b>Total FY18</b>				<b>\$ 611,000</b>	2.7%
<b>Funding - FY 2019</b>					
(M) Maintaining Aging Infrastructure				-	0.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				-	0.0%
(P) Peak Flows / New Growth				22,148,000	100.0%
<b>Total FY19</b>				<b>\$ 22,148,000</b>	97.3%
<b>Total</b>				<b>\$ 22,759,000</b>	100.0%
<b>Forney Mustang Creek Interceptor:</b>					
Forney Mustang Creek Lift Station Phase I	Cnstr	P	Dec-18	\$ 17,905,000	Bonds
Forney Mustang Creek Lift Station Phase I	Eng	P	Dec-18	309,000	Bonds
Forney Mustang Creek Lift Station Phase I	Insp	P	Jan-19	1,254,000	Bonds
<b>Total</b>				<b>\$ 19,468,000</b>	
<b>Funding - FY 2019</b>					
				City	-
				Bonds	19,468,000
<b>Total FY19</b>				<b>\$ 19,468,000</b>	
<b>Total</b>				<b>\$ 19,468,000</b>	

**CAPITAL IMPROVEMENT PLAN CONTRACTS**  
All Systems

System / Project	Type	Driver	Est Award	Amount	Funding
<b><u>Funding - FY 2019</u></b>					
(M) Maintaining Aging Infrastructure				-	0.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				-	0.0%
(P) Peak Flows / New Growth				19,468,000	100.0%
<b>Total FY19</b>				<b>\$ 19,468,000</b>	100.0%
<b>Total</b>				<b>\$ 19,468,000</b>	100.0%
<b><u>Muddy Creek Wastewater Treatment Plant:</u></b>					
Muddy Creek WWTP Aeration Basin, Odor Control, & Backup Power Imp.	Cnstr	M	Oct-18	\$ 7,500,000	Bonds
Muddy Creek WWTP Aeration Basin, Odor Control, & Backup Power Imp.	Eng	M	Oct-18	184,000	Bonds
Muddy Creek WWTP Aeration Basin, Odor Control, & Backup Power Imp.	Insp	M	Oct-18	200,000	Bonds
Muddy Creek WWTP Imp.	Eng	G	Mar-19	279,000	Bonds
<b>Total</b>				<b>\$ 8,163,000</b>	
<b><u>Funding - FY 2019</u></b>					
	Bonds			8,163,000	
<b>Total FY19</b>				<b>\$ 8,163,000</b>	
<b>Total</b>				<b>\$ 8,163,000</b>	
<b><u>Funding - FY 2019</u></b>					
(M) Maintaining Aging Infrastructure				7,884,000	96.6%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				279,000	3.4%
(P) Peak Flows / New Growth				-	0.0%
<b>Total FY19</b>				<b>\$ 8,163,000</b>	
<b>Total</b>				<b>\$ 8,163,000</b>	
<b><u>Parker Creek Interceptor:</u></b>					
Parker Creek Interceptor Manhole Imp.	Cnstr	M	Mar-19	\$ 793,000	City
Parker Creek Interceptor Manhole Imp.	Insp	M	Mar-19	16,000	City
<b>Total</b>				<b>\$ 809,000</b>	
<b><u>Funding - FY 2019</u></b>					
	City			809,000	
<b>Total FY19</b>				<b>\$ 809,000</b>	
<b>Total</b>				<b>\$ 809,000</b>	
<b><u>Funding - FY 2019</u></b>					
(M) Maintaining Aging Infrastructure				809,000	100.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				-	0.0%
(P) Peak Flows / New Growth				-	0.0%
<b>Total FY19</b>				<b>\$ 809,000</b>	
<b>Total</b>				<b>\$ 809,000</b>	

**CAPITAL IMPROVEMENT PLAN CONTRACTS**  
All Systems

System / Project	Type	Driver	Est Award	Amount	Funding
<b><u>Sabine Creek Interceptor:</u></b>					
Sabine Creek Interceptor Manhole Imp.	Eng	M	Oct-18	\$ 39,000	City
Sabine Creek Interceptor Manhole Imp.	Cnstr	M	Mar-19	390,000	City
Sabine Creek Interceptor Manhole Imp.	Insp	M	Mar-19	7,000	City
<b>Total</b>				<b>\$ 436,000</b>	
<b><u>Funding - FY 2019</u></b>					
				City	436,000
<b>Total FY19</b>				<b>\$ 436,000</b>	
<b>Total</b>				<b>\$ 436,000</b>	
<b><u>Funding - FY 2019</u></b>					
(M) Maintaining Aging Infrastructure				436,000	100.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				-	0.0%
(P) Peak Flows / New Growth				-	0.0%
<b>Total FY19</b>				<b>\$ 436,000</b>	
<b>Total</b>				<b>\$ 436,000</b>	
<b><u>Stewart Creek Wastewater Treatment Plant:</u></b>					
Stewart Creek West WWTP Expansion to 10 MGD - SCADA	Insp	M	Jul-18	\$ 22,000	City
<b>Total</b>				<b>\$ 22,000</b>	
<b><u>Funding - FY 2018</u></b>					
				City	22,000
<b>Total FY18</b>				<b>\$ 22,000</b>	
<b>Total</b>				<b>\$ 22,000</b>	
<b><u>Funding - FY 2018</u></b>					
(M) Maintaining Aging Infrastructure				22,000	100.0%
(R) Regulatory Requirements				-	0.0%
(G) Expanding / New Growth				-	0.0%
(P) Peak Flows / New Growth				-	0.0%
<b>Total FY19</b>				<b>\$ 22,000</b>	
<b>Total</b>				<b>\$ 22,000</b>	
<b>Total Capital Projects All Systems</b>				<b>\$ 1,361,642,669</b>	
<b><u>Total by Driver All Systems</u></b>					
(M) Maintaining Aging Infrastructure				205,745,327	15.1%
(R) Regulatory Requirements				9,019,000	0.7%
(G) Expanding / New Growth				1,006,766,769	73.9%
(P) Peak Flows / New Growth				140,111,573	10.3%
<b>Total Capital Projects by Driver All Systems</b>				<b>\$ 1,361,642,669</b>	100.0%

**2018 - 2019 ANNUAL BUDGET**  
**BOND ISSUES SCHEDULE**

## BOND ISSUES SCHEDULE

### All Systems

<u>System / Contracts</u>	<u>Type</u>	<u>Est Award</u>	<u>Amount</u>
<b><u>Regional Water System - SWIFT - 11/01/2018</u></b>			
LBCR Construction Management Services	Insp	Dec-17 *	\$ 39,600
70 MGD Leonard WTP Site Phase I - Early Bid Package	Cnstr	May-18 *	8,457,152
LBCR Mitigation	Cnstr	Jul-18 *	21,608,042
70 MGD Leonard WTP Site Phase I	Cnstr	Oct-18	40,000,000
70 MGD Leonard WTP Site Phase I	Cnstr	Oct-18	232,600,000
LBCR Prog. Management - Shoreline Management Plan	Eng	Nov-18	550,000
LBCR Terminal Storage Reservoir	Cnstr	Nov-18	153,000
LBCR Construction Management Services	Insp	Dec-18	7,304,870
LBCR Pipeline	Cnstr	Feb-19	98,830,000
Leonard WTP Terminal Storage Reservoir Phase I (210 MG)	Cnstr	Jun-19	32,239,000
Treated Water Pipeline from Leonard WTP to McKinney No. 4	Cnstr	Aug-19	67,245,000
Total Project Cost			509,026,664
Estimated Cost of Issuance			21,958,336
<b>Total</b>			<b>\$ 530,985,000</b>

\* Nov 2018 Bonds will reimburse Capital Imp. Fund

### **Regional Wastewater System - 04/02/19**

Floyd Branch Regional WWTP Optimization Process Imp.	Cnstr	Feb-19	\$ 12,310,000
Floyd Branch Regional WWTP Optimization Process Imp.	Insp	Feb-19	184,000
Wilson Creek Maintenance Facility & Solids Operations Facility	Cnstr	Apr-19	4,280,000
Wilson Creek Maintenance Facility & Solids Operations Facility	Insp	Apr-19	58,000
Wilson Creek Regional WWTP Electrical Imp. Phase III	Eng	Jun-19	540,000
Wilson Creek Regional WWTP Step Feed & Plant Drain Imp.	Cnstr	Jun-19	4,120,000
Wilson Creek Regional WWTP Step Feed & Plant Drain Imp.	Insp	Jun-19	83,000
Rowlett Creek Regional WWTP Peak Flow Management Phase II Imp.	Prop	Jul-19	273,000
South Mesquite Regional WWTP Solids Handling Imp.	Cnstr	Sep-19	19,930,000
South Mesquite Regional WWTP Solids Handling Imp.	Insp	Sep-19	412,000
Total Project Cost			42,190,000
Estimated Cost of Issuance			2,170,000
<b>Total</b>			<b>\$ 44,360,000</b>

### **Upper East Fork Interceptor System - 05/01/19**

McKinney Lift Station Imp.	Cnstr	Mar-19	\$ 28,840,000
McKinney Lift Station Imp.	Insp	Mar-19	580,000
Wilson Creek Lift Station Imp.	Cnstr	Jun-19	7,107,000
Wilson Creek Lift Station Imp.	Insp	Jun-19	139,000
Preston Road Lift Station Expansion to 40 MGD	Eng	Aug-19	309,000
North McKinney Parallel Interceptor	Cnstr	Aug-19	10,815,000
North McKinney Transfer Lift Station	Prop	Aug-19	927,000
North McKinney Parallel Interceptor	Insp	Aug-19	155,000
North McKinney Transfer Force Main	Eng	Sep-19	1,644,000
Total Project Cost			50,516,000
Estimated Cost of Issuance			2,829,000
<b>Total</b>			<b>\$ 53,345,000</b>

## BOND ISSUES SCHEDULE

### All Systems

<u>System / Contracts</u>	<u>Type</u>	<u>Est Award</u>	<u>Amount</u>
<b><u>Muddy Creek Wastewater Treatment Plant - 11/28/18</u></b>			
Muddy Creek WWTP Aeration Basin, Odor Control & Backup Power Imp.	Eng	Oct-17 *	\$ 521,185
Muddy Creek WWTP Aeration Basin, Odor Control & Backup Power Imp.	Cnstr	Oct-18	7,500,000
Muddy Creek WWTP Aeration Basin, Odor Control & Backup Power Imp.	Eng	Oct-18	184,000
Muddy Creek WWTP Aeration Basin, Odor Control & Backup Power Imp.	Insp	Oct-18	200,000
Muddy Creek WWTP Imp.	Eng	Mar-19	279,000
Total Project Cost			8,684,185
Estimated Cost of Issuance			100,815
<b>Total</b>			<b><u>\$ 8,785,000</u></b>
* Nov 2018 Bonds will reimburse city			
<b><u>Forney Mustang Creek Interceptor - 12/31/18</u></b>			
Forney Mustang Creek Lift Station Phase I	Eng	Sep-17 *	\$ 1,361,000
Forney Mustang Creek Lift Station Phase I	Prop	Dec-17 *	250,000
Forney Mustang Creek Gravity Interceptor	Prop	Jun-18 *	45,000
Forney Mustang Creek Lift Station Phase I	Cnstr	Dec-18	17,905,000
Forney Mustang Creek Lift Station Phase I	Eng	Dec-18	309,000
Forney Mustang Creek Lift Station Phase I	Insp	Dec-18	1,254,000
Total Project Cost			21,124,000
Estimated Cost of Issuance			1,616,000
<b>Total</b>			<b><u>\$ 22,740,000</u></b>
* Dec 2018 Bonds will reimburse city			
<b><u>Buffalo Creek Interceptor - 04/02/19</u></b>			
Buffalo Creek Parallel Interceptor Phase I	Eng	Oct-17 *	\$ 1,346,000
Buffalo Creek Parallel Interceptor Phase I	Eng	Jul-18 *	137,000
Buffalo Creek Parallel Interceptor Phase I	Prop	Sep-18	474,000
Buffalo Creek Parallel Interceptor Phase I	Cnstr	Feb-19	18,277,000
Buffalo Creek Parallel Interceptor Phase I	Insp	Feb-19	335,000
Buffalo Creek Force Main Parallel	Eng	Jul-19	215,000
Buffalo Creek Lift Station Expansion	Eng	Dec-19	2,785,000
Buffalo Creek Force Main Parallel	Prop	Feb-20	536,000
Total Project Cost			24,105,000
Estimated Cost of Issuance			1,725,000
<b>Total</b>			<b><u>\$ 25,830,000</u></b>
* April 2019 Bonds will reimburse city			

**2018 - 2019 ANNUAL BUDGET**  
**CLASSIFICATION OF ACCOUNTS**



## **CLASSIFICATION OF ACCOUNTS**

### **BUDGET - EXPENDITURE**

#### **FUNDS**

##### **WATER SYSTEM**

101 REGIONAL WATER SYSTEM

##### **WATER FACILITIES**

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

##### **WASTEWATER FACILITIES**

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

##### **SOLID WASTE SYSTEM**

401 REGIONAL SOLID WASTE SYSTEM

##### **INTERCEPTOR FACILITIES**

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

**CLASSIFICATION OF ACCOUNTS**

**BUDGET - EXPENDITURE**

**FUNDS**

**SPECIAL OPERATIONS**

601	SMALL WASTEWATER TREATMENT PLANTS
604	WASTEWATER PRETREATMENT PROGRAM

## **CLASSIFICATION OF ACCOUNTS**

### **BUDGET - EXPENDITURE**

#### **FUNCTIONS**

##### **REGIONAL WATER SYSTEM**

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

##### **REGIONAL WASTEWATER SYSTEM**

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

##### **REGIONAL SOLID WASTE SYSTEM**

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

## **CLASSIFICATION OF ACCOUNTS**

### **BUDGET - EXPENDITURE**

#### **ITEM**

#### **510000 PERSONNEL**

511000	SUPERVISION - Employees who manage and supervise the work of others.
511020	CLERICAL - Employees who provide administrative support such as typing, filing, data entry and answering phones.
511030	SKILLED - Employees who perform duties requiring specialized training.
511040	LABOR - Employees who perform general physical tasks which contribute to the upkeep and care of District facilities and do not require specialized training.
511050	PART-TIME - Employees with scheduled work weeks of 30 hours or less.
511060	OVERTIME - Time paid in excess of 40 hours per work week.
511070	BOARD OF DIRECTORS - Individuals appointed by the District's Member Cities to oversee District activities.
511080	SPECIAL WAGE PAYMENT - Special wage payment.
512000	SOCIAL SECURITY - Employer's portion of FICA and Medicare Taxes.
513000	WORKERS' COMPENSATION INSURANCE - Employer paid insurance for potential on the job injury claims.
513010	UNEMPLOYMENT INSURANCE - Employer paid insurance for potential unemployment claims.
513020	HOSPITALIZATION INSURANCE - Employer's portion of employee health insurance premiums.
513040	DENTAL INSURANCE - Employer's portion of employee dental insurance premiums.
513060	LIFE INSURANCE - Employer paid employee life insurance premiums.
514000	RETIREMENT - Employer's contribution to the District's employee retirement program.
514010	RETIREE INSURANCE - Employer's contribution to the District's retiree health and dental program.
514020	COMPENSATED ABSENCES - VACATION - Employer paid vacation leave provided to employees.
514030	COMPENSATED ABSENCES - SICK - Employer paid sick leave provided to employees.
515000	CELL PHONE STIPEND - Expense paid for use of private cell phones.

## **CLASSIFICATION OF ACCOUNTS**

### **BUDGET - EXPENDITURE**

#### **ITEM**

#### **520000 SUPPLIES**

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

## **CLASSIFICATION OF ACCOUNTS**

### **BUDGET - EXPENDITURE**

#### **ITEM**

#### **520000 SUPPLIES**

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

## **CLASSIFICATION OF ACCOUNTS**

### **BUDGET - EXPENDITURE**

#### **ITEM**

#### **530000 CONTRACTUAL SERVICES**

530100	AUDIT - Cost of annual audit.
530300	AUTOMOTIVE INSURANCE - Premiums paid for insurance coverage.
530400	FIRE & EXTENDED COVERAGE INSURANCE - Premiums paid for insurance coverage.
530500	EMPLOYEE BONDS - Bonds for Directors and blanket bond for employees.
530510	DIRECTORS AND OFFICERS LIABILITY - Premiums paid for insurance coverage.
530520	FINANCIAL ASSURANCE BOND/INSURANCE - Cost to meet the financial assurance requirements of the TCEQ for landfill closure and post-closure activities.
530530	POLLUTION CONTROL LIABILITY INSURANCE - Premiums paid for insurance coverage.
530900	GENERAL LIABILITY INSURANCE - Premiums paid for insurance coverage.
531000	TELEPHONE - Telephone service purchased for District communications.
531010	TELEPHONE MAINTENANCE - Telephone system maintenance and repairs.
531020	INTERNET SERVICES - Cost of internet services.
531030	WEB SITE SERVICE - Service to maintain the District's web site.
531100	ELECTRIC POWER - Power purchased for District facilities.
531101	RECOV-SULPHUR SPRINGS POWER - Recovery of Sulphur Springs power expenses.
531102	RECOV-IRVING POWER - Recovery of Irving power expenses.
531103	RECOV-GTUA POWER - Recovery of GTUA power expenses.
531110	NATURAL GAS, BUTANE, KEROSENE - Fuel purchased for District facilities.
531120	RETAIL WATER SERVICE - Retail treated water service purchased for District facilities.
531130	WHOLESALE WATER PURCHASES - Wholesale water purchased from other entities.
531200	BANK SERVICE FEES - Services provided by banks and other financial institutions.
531210	BANK CARD SERVICE FEES - Cost of bank card services and credit card services.
531300	ENGINEERING / CONSULTANT SERVICE - Cost of consulting engineers for operation work performed.
531310	SPECIAL STUDIES & REPORTS - Cost of planning and/or monitoring projects such as water quality analysis and monitoring of streams and reservoirs.
531320	WATER CONSERVATION PROGRAMS - Cost of water conservation programs.
531350	DRIVING RECORDS - Cost of obtaining driving records.
531400	LEGAL SERVICE - Cost of operational work performed by legal counsel.
531410	LEGAL SERVICE, P.A. - Cost of permit acquisition performed by legal counsel.
531470	PERMITTING - Water System cost to provide permitting services for other functions.

## **CLASSIFICATION OF ACCOUNTS**

### **BUDGET - EXPENDITURE**

#### **ITEM**

#### **530000 CONTRACTUAL SERVICES**

531480	REGULATORY COMPLIANCE - Water System cost to provide regulatory services for other functions.
531490	RAW WATER DEVELOPMENT - Expense involved in developing raw water supplies.
531500	PLANNING & DEVELOPMENT - Expense involved in providing emphasis on the development of the service area such as printing of brochures, mailings, public relations, etc.
531510	RESEARCH & DEVELOPMENT - Water System cost to provide research and development services for other functions.
531520	EMPLOYEE PROGRAMS - Cost related to special programs for the District's employees.
531540	REGION C WATER PLANNING - Expense involved in the Region C planning process.
531590	INSURANCE CLAIMS DEDUCTIBLE - Insurance policy deductible paid for insurance claims.
531600	PRINTING & BINDING - Cost for external printing and binding.
531700	ADVERTISING - Cost for external advertising.
531800	RENT OR LEASE PAYMENTS - Cost to rent or lease equipment or facilities on a temporary basis.
531810	DEMURRAGE - Cost for carrier excess loading or unloading time.
531900	TRAVEL AND TRAINING - Hotel rooms, meals, transportation, registration fees, etc for District approved meetings and conferences.
531910	EDUCATION AND TRAINING - In-house training programs.
532000	MEMBERSHIPS & SUBSCRIPTIONS - Memberships to professional and technical journals, publications and local newspapers.
532010	MEMBERSHIP & SUBSCRIPTIONS - SPECIAL - Other membership and subscription cost.
532100	VEHICLE MAINTENANCE - External repair work performed on vehicle equipment.
532110	VEHICLE MAINTENANCE BY SOLID WASTE - Repair work performed by the Fleet Maintenance Shop on vehicles from other systems.
532200	EQUIPMENT MAINTENANCE - External repair work on all equipment other than vehicles (see Account 532100) such as motors, pumps and mechanical apparatus.
532210	SPECIAL MAINTENANCE - External cost of special or non-routine maintenance projects.
532220	PIPELINE MAINTENANCE - External repair work performed on pipelines.
532230	FACILITIES MAINTENANCE - External repair work performed on facilities such as intake structures, pump stations, lift stations and storage reservoirs.
532240	NATURE CENTER - District expenses for the John Bunker Sands Wetland Center.
532250	CAPITAL CONTRIBUTIONS-CITY OF MELISSA - Capital contributions for Melissa ILA contract.
532300	POSTAGE - Cost of postage for mailings.
532400	OFFICE EQUIPMENT MAINTENANCE - Annual maintenance service contracts and office machine repair cost.



## **CLASSIFICATION OF ACCOUNTS**

### **BUDGET - EXPENDITURE**

#### **ITEM**

#### **530000 CONTRACTUAL SERVICES**

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

## **CLASSIFICATION OF ACCOUNTS**

### **BUDGET - EXPENDITURE**

#### **ITEM**

#### **530000 CONTRACTUAL SERVICES**

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

## **CLASSIFICATION OF ACCOUNTS**

### **BUDGET - EXPENDITURE**

#### **ITEM**

#### **540000 CAPITAL OUTLAY**

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

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

## **CLASSIFICATION OF ACCOUNTS**

### **BUDGET - EXPENDITURE**

#### **ITEM**

#### **550000 ESCROW**

550660	RESERVE FOR MAINTENANCE - Transfers to Reserve for Maintenance Fund.
550670	EQUIPMENT REPLACEMENT ESCROW - Transfers to Equipment Replace Escrow Fund.
550680	ELECTRIC POWER ESCROW - Payments to electricity suppliers for escrow deposits.
550690	TRANSFERS TO CONTINGENCY - Transfers to Contingency Fund.
550700	PREVENTATIVE MAINTENANCE ESCROW - Transfers to Preventative Maintenance Escrow Fund.
551000	RECOV-IRVING ESCROW - Recovery of Irving escrow expenses.

#### **560000 SPECIAL PROJECTS**

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

**2018 - 2019 ANNUAL BUDGET**

**RESOLUTION NO. 18 - 46**

# NORTH TEXAS MUNICIPAL WATER DISTRICT

## RESOLUTION NO. 18-46

### A RESOLUTION APPROVING APPROPRIATIONS FOR THE 2018-19 ALL SYSTEMS ANNUAL BUDGET, AMENDING THE 2017-18 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 2018-19 ALL SYSTEMS ANNUAL BUDGET BE APPROVED AS SUBMITTED BY THE EXECUTIVE DIRECTOR / GENERAL MANAGER FOR THE FISCAL YEAR OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019. 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 2018-19 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:

	2017-2018 Amended Budget	2018-2019 Budget
<u>By System:</u>		
Regional Water System	\$326,435,000	\$360,568,545
Sewer System	37,612,135	42,104,675
Regional Wastewater System	64,277,545	70,658,310
Regional Solid Waste System	35,377,870	37,301,745
Upper East Fork Interceptor System	34,073,425	35,795,630
Total	<u>\$497,775,975</u>	<u>\$546,428,905</u>

	2017-2018 Amended Budget	2018-2019 Budget
<u>By Character:</u>		
Personnel	\$77,204,300	\$83,527,480
Supplies	53,046,705	55,461,475
Services	78,295,055	90,699,155
Capital Outlay	9,747,945	9,079,750
Escrow	2,266,525	3,275,220
Capital Improvement	79,398,000	51,633,000
Debt Service	197,743,945	252,567,825
Special Projects	73,500	185,000
Total	<u>\$497,775,975</u>	<u>\$546,428,905</u>

2. The Amended Budget, as set forth in column four of the 2018-19 All Systems Annual Budget Document, shall be approved as the authorized Amended Budget for the 2017-18 Fiscal Year and the Proposed Budget, as set forth in column five of the 2018-19 All Systems Annual Budget Document, shall be approved as the authorized Budget for the 2018-19 Fiscal Year. The increase in Debt Service of \$54,823,880 is to fund approximately \$685 million in project costs District-Wide. The increase in Services of \$12,404,100 is to fund additional electric power and wholesale water purchases due to increasing minimum annual demands in 2018-19 for the Regional Water System as well as additional electrical, facilities and pipeline maintenance services in the Wastewater treatment and Conveyance systems. The increase in Special Projects of \$111,500 is to fund unknown emergency repairs and projects District-Wide.

3. The Salary Plan as set forth in the 2018-19 All Systems Annual Budget Document shall be applicable to all District employees, including the Executive Director/General Manager and the Deputy Directors, and salaries shall be paid during the 2018-19 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 merit payment with an average of 3% 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 & Maintenance) of \$\_\_\_\_, the Deputy Director (Engineering & CIP) of \$\_\_\_\_, and for the Deputy Director (Administrative Services) of \$\_\_\_\_.

6. The District shall fund the Deferred Compensation accounts for the Executive Director/General Manager and the Deputy Directors in annual amounts for the Executive Director/General Manager of \$\_\_\_\_, the Deputy Director (Operations & Maintenance) of \$\_\_\_\_, the Deputy Director (Engineering & CIP) of \$\_\_\_\_, and for the Deputy Director (Administrative Services) of \$\_\_\_\_.

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 an annual 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 2018-19 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
<b>Members:</b>				
Allen	6,011,208	\$ 2.92	\$ 17,552,727.36	\$0.42
Farmersville	280,467	\$ 2.92	\$ 818,963.64	\$0.42
Forney	1,956,185	\$ 2.92	\$ 5,712,060.20	\$0.42
Frisco	10,986,490	\$ 2.92	\$ 32,080,550.80	\$0.42
Garland	13,721,955	\$ 2.92	\$ 40,068,108.60	\$0.42
McKinney	11,963,029	\$ 2.92	\$ 34,932,044.68	\$0.42
Mesquite	8,297,666	\$ 2.92	\$ 24,229,184.72	\$0.42
Plano	26,719,809	\$ 2.92	\$ 78,021,842.28	\$0.42
Princeton	535,076	\$ 2.92	\$ 1,562,421.92	\$0.42
Richardson	11,019,311	\$ 2.92	\$ 32,176,388.12	\$0.42
Rockwall	3,953,622	\$ 2.92	\$ 11,544,576.24	\$0.42
Royse City	493,325	\$ 2.92	\$ 1,440,509.00	\$0.42
Wylie	1,877,558	\$ 2.92	\$ 5,482,469.36	\$0.42
Total Members	97,815,701		\$ 285,621,846.92	
<b>Customers:</b>				
Ables Springs SUD	84,865	\$ 2.97	\$ 252,049.05	\$0.47 a
Bear Creek SUD	243,364	\$ 2.97	\$ 722,791.08	\$0.47
BHP WSC	138,023	\$ 2.97	\$ 409,928.31	d
Bonham	640,000	\$ 2.92 b	\$ 1,868,800.00	c
Caddo Basin SUD	356,169	\$ 2.97	\$ 1,057,821.93	\$0.47
Cash SUD	305,643	\$ 2.97	\$ 907,759.71	\$0.47
College Mound SUD	66,769	\$ 2.97	\$ 198,303.93	\$0.47
Copeville SUD	95,233	\$ 2.97	\$ 282,842.01	c
East Fork SUD	492,292	\$ 2.97	\$ 1,462,107.24	\$0.47
Fairview	887,811	\$ 2.97	\$ 2,636,798.67	\$0.47
Fate	279,932	\$ 2.97	\$ 831,398.04	\$0.47
Fate No. 2	529,453	\$ 2.97	\$ 1,572,475.41	\$0.47
Forney Lake WSC	213,024	\$ 2.97	\$ 632,681.28	d
Gastonia Scurry SUD	110,490	\$ 2.97	\$ 328,155.30	e
GTUA	761,555	\$ 2.97	\$ 2,261,818.35	\$0.47
Josephine	69,470	\$ 2.97	\$ 206,325.90	\$0.47
Kaufman	459,989	\$ 2.97	\$ 1,366,167.33	d
Kaufman Four-One	555,695	\$ 2.97	\$ 1,650,414.15	\$0.47
Little Elm	1,500,532	\$ 2.97	\$ 4,456,580.04	c
Lucas	628,590	\$ 2.97	\$ 1,866,912.30	\$0.47
Melissa	285,850	\$ 2.97	\$ 848,974.50	\$0.47
Milligan WSC	149,894	\$ 2.97	\$ 445,185.18	c
Mt. Zion WSC	159,302	\$ 2.97	\$ 473,126.94	\$0.47
Murphy	1,538,414	\$ 2.97	\$ 4,569,089.58	\$0.47
Nevada SUD	47,179	\$ 2.97	\$ 140,121.63	\$0.47
Nevada SUD No. 2	70,985	\$ 2.97	\$ 210,825.45	\$0.47
North Collin SUD	346,058	\$ 2.97	\$ 1,027,792.26	d
Parker	533,654	\$ 2.97	\$ 1,584,952.38	\$0.47



Entity	Minimum Annual Demand 1,000 gallons	Water Rate per 1,000 gallons	Minimum Annual Charge	Excess Water Rate per 1,000 gallons
Prosper	1,712,581	\$ 2.97	\$ 5,086,365.57	d
Rose Hill SUD	143,271	\$ 2.97	\$ 425,514.87	c
Rowlett	3,192,039	\$ 2.97	\$ 9,480,355.83	c
Sachse	1,332,153	\$ 2.97	\$ 3,956,494.41	\$0.47
Seis Lagos MUD	135,657	\$ 2.97	\$ 402,901.29	\$0.47
Sunnyvale	626,255	\$ 2.97	\$ 1,859,977.35	c
Terrell	1,400,000	\$ 2.97	\$ 4,158,000.00	c
Wylie N.E. SUD	242,214	\$ 2.97	\$ 719,375.58	\$0.47
Total Customers	20,334,405		\$ 60,361,182.85	
Total	118,150,106		\$ 345,983,029.77	

a Water consumed over 365,000,000 gallons shall be charged at a rate of \$2.97 / 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 \$2.97 / 1,000 gallons.

e Water consumed over Minimum Annual Demand shall be charged at a rate of \$5.94 / 1,000 gallons.

#### RETAIL TREATED WATER RATES - RESIDENTIAL

Minimum - First 2,000 Gallons	\$15.00
From 2,000 to 10,000 Gallons	\$5.94 per 1,000 Gallons
From 10,000 to 20,000 Gallons	\$7.82 per 1,000 Gallons
Above 20,000 Gallons	\$9.77 per 1,000 Gallons
Reconnect Fees	\$30.00

#### RETAIL TREATED WATER RATES - COMMERCIAL

From 0 to 10,000 Gallons	\$6.25 per 1,000 Gallons
Above 10,000 Gallons	\$7.82 per 1,000 Gallons
Reconnect Fees	\$30.00

#### NON-POTABLE WATER RATE

East Fork Raw Water Project	\$ .75 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 2018-19 Fiscal Year.

#### 121 REGIONAL DISPOSAL FACILITY CHARGES

- I. All Vehicles - \$34.00 per Ton, One Ton Minimum
- II. Additional charge above the basic vehicle charge:
  - For loads containing roofing shingles - \$150.00
  - For tires based on wheel size:
    - \$5.00 per tire up to 24.5" diameter
    - \$20.00 per farm tractor or motor grader tire
    - No loader or scraper tires accepted

- III. The Executive Director/General Manager may prepare a schedule of charges to be used when weights are not practical to obtain.
- IV. There shall be a charge to District operated wastewater plants for disposal of federal and state approved sludge materials equivalent to \$25.76 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 - \$48.00 per Ton, One Ton Minimum
- II. Additional charge above the basic vehicle charge for loads containing roofing shingles - \$150.00
- III. The Executive Director/General Manager may prepare a schedule of charges to be used when weights are not practical to obtain.
- IV. Pull-off Fee (non-refundable) - \$25.00

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

4. Special debt service shall be allocated to the City of Sulphur Springs in the amount of \$600 in the Water System.

THIS RESOLUTION ADOPTED BY THE NTMWD BOARD OF DIRECTORS IN A REGULAR MEETING ON SEPTEMBER 27, 2018, IN THE ADMINISTRATIVE OFFICES OF THE NTMWD.

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LARRY PARKS, SECRETARY

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JOHN SWEEDEN, PRESIDENT