

**UPPER BRUSHY CREEK  
WATER CONTROL AND  
IMPROVEMENT DISTRICT**

**Financial Statements  
and Supplemental Information  
as of and for the Year Ended  
September 30, 2018 and  
Independent Auditors' Report**

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

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# ANNUAL FILING AFFIDAVIT

THE STATE OF TEXAS

COUNTY OF WILLIAMSON

I, Mike Freeman  
(Name of Duly Authorized District Representative)

of the Upper Brushy Creek Water Control and Improvement District

hereby swear, or affirm, that the District named above has reviewed and approved at a meeting of the Board of Directors of the District on the 17<sup>th</sup> day of January, 2019, its annual audit report for the fiscal year ended September 30, 2018, and that copies of the annual audit report have been filed in the District's office, located at 1850 Round Rock Avenue, Suite 100, Round Rock, Texas, 78681.

The annual filing affidavit and the attached copy of the annual audit report are being submitted to the Texas Commission on Environmental Quality in satisfaction of all annual filing requirements within Section 49.194 of the Texas Water Code and to the Texas Comptroller of Public Accounts in satisfaction of the annual filing requirements of Section 140.008 of the Texas Local Government Code.

Date: January 17, 2019.

By: [Signature]  
(Signature of District Representative)

Mike Freeman, Board President  
(Typed Name and Title of District Representative)

Sworn to and subscribed to before me this 17<sup>th</sup> day of January, 2019.

[Signature]  
(Signature of Notary)



Lisa Moravitz  
(Printed Name of Notary)

My Commission Expires On: 11-27-2020  
Notary Public in and for the State of Texas.



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*An Affiliate of CPAmerica International*

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Round Rock: 411 West Main Street, Suite 300

Round Rock, TX 78664

## **INDEPENDENT AUDITORS' REPORT**

To the Board of Directors of  
Upper Brushy Creek Water Control and Improvement District:

### **Report on the Financial Statements**

We have audited the accompanying financial statements of the governmental activities and the General Fund of Upper Brushy Creek Water Control and Improvement District (the "District"), as of and for the year ended September 30, 2018, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

### **Management's Responsibility for the Financial Statements**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### **Auditors' Responsibility**

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

Affiliated Company

ML&R WEALTH MANAGEMENT LLC

*"A Registered Investment Advisor"*

*This firm is not a CPA firm*

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

## **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and the General Fund of the District as of September 30, 2018, and the respective changes in financial position and the respective budgetary comparison for the General Fund for the year then ended in accordance with accounting principles generally accepted in the United States of America.

## **Other Matters**

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, the schedule of changes in net pension liability and related ratios, the schedule of district contributions, and the notes to required supplementary information on pages 5 through 9, 28, 29, and 30 through 31, respectively, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### *Other Information*

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the District's basic financial statements. The supplemental information required by the Texas Commission on Environmental Quality (the "TCEQ") listed in the table of contents is presented for purposes of additional analysis and is not a required part of the basic financial statements.

The supplemental information required by the TCEQ listed in the table of contents is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplemental information required by the TCEQ listed in the table of contents is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

*Maxwell Locke + Ritter LLP*

Austin, Texas  
January 17, 2019

# **UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT**

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## **Management's Discussion and Analysis For the Year Ended September 30, 2018**

In accordance with Governmental Accounting Standards Board ("GASB") Statement No. 34, the management of Upper Brushy Creek Water Control and Improvement District (the "District") offers the following narrative on the financial performance of the District for the year ended September 30, 2018. Please read it in connection with the District's financial statements that follow.

For purposes of GASB Statement No. 34, the District is considered a special purpose government. This allows the District to present the required fund and government-wide statements in a single schedule. The requirement for fund financial statements that are prepared on the modified accrual basis of accounting is met with the "General Fund" column. An adjustment column includes those entries needed to convert to the full accrual basis government-wide statements. Government-wide statements are comprised of the Statement of Net Position and the Statement of Activities.

### **Financial Highlights**

- The assets and deferred outflows of resources of the District exceeded its liabilities and deferred inflows of resources at the close of the most recent period by \$60,634,017 (*net position*). Of this amount, \$20,833,257 (*unrestricted net position*) may be used to meet the District's ongoing obligations.
- The District's net property tax values increased by approximately \$3.1 billion or 8% from \$39,239,384,755 to \$42,320,791,952. Total tax revenue increased by approximately \$710 thousand.

### **Overview of the Basic Financial Statements**

The District's reporting is comprised of two parts:

- *Management's Discussion and Analysis* (this section)
- *Basic Financial Statements*
  - *Statement of Net Position and Governmental Fund Balance Sheet*
  - *Statement of Activities and Governmental Fund Revenues, Expenditures, and Changes in Fund Balance*
  - *Statement of Revenues, Expenditures, and Changes in Fund Balance - Budget and Actual - General Fund*
  - *Notes to Basic Financial Statements*

Other supplementary information is also included.

The *Basic Financial Statements* are designed to provide readers with an overview of the District’s finances, in a manner similar to the private sector business.

The *Statement of Net Position and Governmental Fund Balance Sheet* presents information on all the District’s assets, deferred outflows of resources, liabilities, and deferred inflows of resources with the difference reported as net position. The statement of net position can be found on page 10 of the report which includes a column (titled “General Fund”) that represents a balance sheet prepared using the modified accrual basis of accounting. The adjustments column converts those balances to a balance sheet that more closely reflects a private-sector business. Over time, increases or decreases in the District’s net position will indicate financial health.

The *Statement of Activities and Governmental Fund Revenues, Expenditures, and Changes in Fund Balance* represents information showing how the District’s net position changed during the most recent fiscal year which includes a column (titled “General Fund”) that derives the change in fund balance resulting from current year revenues, expenditures, and other financing sources or uses. These amounts are prepared using the modified accrual basis of accounting. The adjustments column converts those activities to full accrual, a basis that more closely represents the income statement of a private-sector business.

The *Statement of Revenues, Expenditures, and Changes in Fund Balance - Budget and Actual - General Fund* presents a comparison statement between the District’s adopted budget to its actual results.

The *Notes to Basic Financial Statements* provide additional information that is essential to a full understanding of the information presented in the *Statement of Net Position and Governmental Fund Balance Sheet* and the *Statement of Activities and Governmental Fund Revenues, Expenditures, and Changes in Fund Balance*. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods and some expenses are resulting from cash flows from prior periods. The increase or decrease in net position may serve as an indicator of the effect of the District’s current year operations on its financial position. The *Statement of Activities and Governmental Fund Revenues, Expenditures, and Changes in Fund Balance* can be found on page 11 of this report.

Required supplementary information related to the District’s participation in the Texas County and District Retirement System pension plan and schedules required by the Texas Commission on Environmental Quality are presented immediately following the *Notes to Basic Financial Statements*.

## Comparative Financial Statements

### Statement of Net Position

	Governmental Activities		
	2018	2017	% Change
Current assets	\$ 21,790,375	\$ 22,416,540	(3%)
Capital and non-current assets	39,805,457	36,660,848	9%
Total assets	61,595,832	59,077,388	4%
Deferred outflows of resources	20,814	29,991	(31%)
Current liabilities	975,814	4,636,140	(79%)
Noncurrent liabilities	-	1,250	(100%)
Total liabilities	975,814	4,637,390	(79%)
Deferred inflows of resources	6,815	6,493	5%
Net investment in capital assets	39,800,760	36,660,848	9%
Unrestricted	20,833,257	17,802,648	17%
Total net position	\$ 60,634,017	\$ 54,463,496	11%

The District's total assets were approximately \$61.6 million as of September 30, 2018. Of this amount, approximately \$39.8 million was included in capital and intangible assets. The District had outstanding liabilities of approximately \$976 thousand.

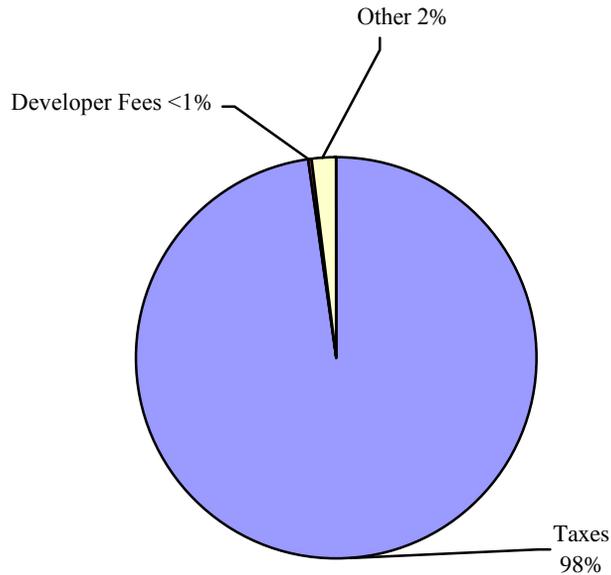
The District's assessed value in 2018 was approximately \$42.3 billion compared to \$39.2 billion in 2017. The tax rate is set after reviewing operations and maintenance requirements. The District's primary revenue source is property tax revenue.

### Statement of Activities

	Governmental Activities		
	2018	2017	% Change
Property taxes	\$ 8,460,832	\$ 7,750,915	9%
Developer fees	13,094	8,601	52%
Capital grant revenue	-	10,277	(100%)
Interest on temporary investments and other	338,080	160,385	111%
Penalties and interest on property taxes	18,553	18,592	(1%)
<b>Total revenues</b>	<b>8,830,559</b>	<b>7,948,770</b>	<b>11%</b>
Maintenance and repairs	546,742	423,266	29%
Engineering fees	643,796	367,133	75%
Contracted services	38,286	37,895	1%
Preparation of tax rolls	101,895	85,710	19%
Legal fees	33,849	49,364	(31%)
Salaries	408,563	274,355	49%
Other	468,010	129,623	261%
Depreciation	418,897	425,213	(1%)
<b>Total expenses</b>	<b>2,660,038</b>	<b>1,792,559</b>	<b>48%</b>
<b>Change in net position</b>	<b>6,170,521</b>	<b>6,156,211</b>	<b>1%</b>
Beginning net position	54,463,496	48,307,285	13%
<b>Ending net position</b>	<b>\$ 60,634,017</b>	<b>\$ 54,463,496</b>	<b>11%</b>

Operating revenues were approximately \$8.8 million for the fiscal year ended September 30, 2018 of which property taxes provided approximately \$8.5 million. Total expenses were approximately \$2.7 million for the fiscal year ended September 30, 2018. Net position increased approximately \$6.2 million primarily due to the excess of property tax revenue over operating expenses, the majority of which was used to pay for maintenance and repairs for the dams of approximately \$547 thousand and engineering fees of approximately \$644 thousand.

### Sources of Revenue



### Financial Analysis of Governmental Fund

	2018	2017	2016
Cash	\$ 455,308	\$ 1,142,365	\$ 44,912
Temporary investments	21,252,693	20,347,796	22,738,130
Taxes receivable	76,524	55,731	70,696
Grant funds receivable	-	2,401	389,784
Due from other governments	3,900	713,172	-
Other current assets	1,950	155,075	24,275
<b>Total assets</b>	<b>\$ 21,790,375</b>	<b>\$ 22,416,540</b>	<b>\$ 23,267,797</b>
<b>Total liabilities</b>	<b>\$ 975,814</b>	<b>\$ 4,636,140</b>	<b>\$ 1,392,011</b>
<b>Total deferred inflows of resources</b>	<b>76,524</b>	<b>55,731</b>	<b>70,696</b>
Nonspendable fund balance	-	3,125	3,125
Assigned fund balance	8,563,128	14,603,139	15,794,092
Unassigned fund balance	12,174,909	3,118,405	6,007,873
<b>Total fund balance</b>	<b>20,738,037</b>	<b>17,724,669</b>	<b>21,805,090</b>
<b>Total liabilities, deferred inflows of resources and fund balance</b>	<b>\$ 21,790,375</b>	<b>\$ 22,416,540</b>	<b>\$ 23,267,797</b>

The *General Fund* pays for daily operating expenditures. When comparing actual to budget, actual revenues were more than budgeted by approximately \$422 thousand primarily due to more interest on temporary investments. Actual expenditures were lower than budgeted by approximately \$17.2 million primarily due to entire capital outlay contract costs being included in the annual budget when actual incurrence of costs will extend beyond fiscal year 2018. More detailed information about the District's budgetary comparison is presented in the *Basic Financial Statements*.

## Capital Assets Activity

	2018	2017
Earthen dams	\$ 22,010,741	\$ 22,010,741
Construction in progress	23,095,300	19,536,491
Land	478,903	478,903
Software	37,500	37,500
Furniture and equipment	63,000	90,588
Subtotal	45,685,444	42,154,223
Accumulated depreciation	(6,370,584)	(5,979,275)
Total	<u>\$ 39,314,860</u>	<u>\$ 36,174,948</u>

The District is in process of renovating additional dams. More detailed information about the District's capital assets is presented in the *Notes to Basic Financial Statements*.

### Currently Known Facts, Decisions, or Conditions

For fiscal year 2019, the tax rate has been set at \$0.02 per \$100 of assessed valuation. The adopted budget for 2019 projects a decrease in the fund balance of the General Fund of approximately \$8.6 million. When compared to the 2018 budget, revenues are expected to increase by approximately 15% in 2019. Expenditures are expected to decrease by approximately 21% in 2019 when compared to the 2018 budget.

### Requests for Information

This financial report is designed to provide a general overview of the District's finances and to demonstrate the District's accountability for the funds it receives. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the District at 1850 Round Rock Avenue, Suite 100, Round Rock, Texas, 78681.

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

## STATEMENT OF NET POSITION AND GOVERNMENTAL FUND BALANCE SHEET SEPTEMBER 30, 2018

	GENERAL FUND	ADJUSTMENTS (NOTE 2)	STATEMENT OF NET POSITION
<b>ASSETS:</b>			
Cash	\$ 455,308	\$ -	\$ 455,308
Temporary investments	21,252,693	-	21,252,693
Taxes receivable	76,524	-	76,524
Due from other governments	3,900	-	3,900
Other current assets	1,950	-	1,950
Intangible asset	-	485,900	485,900
Capital assets (net of accumulated depreciation):			
Earthen dams	-	15,732,753	15,732,753
Construction in progress	-	23,095,300	23,095,300
Land	-	478,903	478,903
Software	-	1,875	1,875
Furniture and equipment	-	6,029	6,029
Net pension asset	-	4,697	4,697
Total assets	\$ 21,790,375	\$ 39,805,457	\$ 61,595,832
<b>DEFERRED OUTFLOWS OF RESOURCES:</b>			
Pension contributions after measurement date	\$ -	\$ 12,113	\$ 12,113
Deferred outflows related to pension asset	-	8,701	8,701
Total deferred outflows of resources	-	20,814	20,814
<b>LIABILITIES:</b>			
Current liabilities-			
Accounts payable	975,814	-	975,814
Total liabilities	975,814	-	975,814
<b>DEFERRED INFLOWS OF RESOURCES:</b>			
Deferred revenue - property taxes	76,524	(76,524)	-
Deferred inflows related to pension asset	-	6,815	6,815
Total deferred inflows of resources	76,524	(69,709)	6,815
<b>FUND BALANCE/NET POSITION:</b>			
Fund balance:			
Assigned to subsequent fiscal year's budget deficit	8,563,128	(8,563,128)	-
Unassigned	12,174,909	(12,174,909)	-
Total fund balance	20,738,037	(20,738,037)	-
Total liabilities, deferred inflows of resources and fund balance	\$ 21,790,375		
Net position:			
Net investment in capital assets		39,800,760	39,800,760
Unrestricted		20,833,257	20,833,257
Total net position		\$ 60,634,017	\$ 60,634,017

The notes to the financial statements are an integral part of this statement.

**UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT**

**STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUND REVENUES,  
EXPENDITURES, AND CHANGES IN FUND BALANCE  
YEAR ENDED SEPTEMBER 30, 2018**

	<u>GENERAL FUND</u>	<u>ADJUSTMENTS (NOTE 2)</u>	<u>STATEMENT OF ACTIVITIES</u>
<b>EXPENDITURES/EXPENSES:</b>			
Service operations:			
Maintenance and repairs	\$ 546,742	\$ -	\$ 546,742
Legal fees	33,849	-	33,849
Engineering fees	643,796	-	643,796
Contracted services	38,286	-	38,286
Preparation of tax rolls	101,895	-	101,895
Salaries	405,011	3,552	408,563
Directors' fees	25,800	-	25,800
Insurance	240	-	240
Other	441,970	-	441,970
Capital outlay	3,558,809	(3,558,809)	-
Depreciation	-	418,897	418,897
	<u>5,796,398</u>	<u>(3,136,360)</u>	<u>2,660,038</u>
<b>REVENUES:</b>			
General revenues:			
Property taxes	8,440,039	20,793	8,460,832
Developer fees	13,094	-	13,094
Interest on temporary investments	337,996	-	337,996
Penalties and interest on property taxes	18,553	-	18,553
Other revenue	84	-	84
	<u>8,809,766</u>	<u>20,793</u>	<u>8,830,559</u>
Total general revenues	<u>8,809,766</u>	<u>20,793</u>	<u>8,830,559</u>
Total revenues	<u>8,809,766</u>	<u>20,793</u>	<u>8,830,559</u>
<b>EXCESS OF REVENUES OVER EXPENDITURES</b>	3,013,368	(3,013,368)	-
<b>CHANGE IN NET POSITION</b>	-	6,170,521	6,170,521
<b>FUND BALANCE/NET POSITION:</b>			
Beginning of year	<u>17,724,669</u>	<u>36,738,827</u>	<u>54,463,496</u>
End of year	<u>\$ 20,738,037</u>	<u>\$ 39,895,980</u>	<u>\$ 60,634,017</u>

The notes to the financial statements are an integral part of this statement.

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

## STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE - BUDGET AND ACTUAL - GENERAL FUND YEAR ENDED SEPTEMBER 30, 2018

	ORIGINAL AND FINAL BUDGET	ACTUAL	VARIANCE
<b>REVENUES:</b>			
Property taxes	\$ 8,282,821	\$ 8,440,039	\$ 157,218
Developer fees	-	13,094	13,094
Interest on temporary investments	104,820	337,996	233,176
Penalties and interest on property taxes	-	18,553	18,553
Other revenue	-	84	84
Total revenues	8,387,641	8,809,766	422,125
<b>EXPENDITURES:</b>			
Service operations:			
Maintenance and repairs	553,760	546,742	7,018
Legal fees	54,000	33,849	20,151
Engineering fees	275,000	643,796	(368,796)
Contracted services	42,200	38,286	3,914
Preparation of tax rolls	93,000	101,895	(8,895)
Salaries	300,000	405,011	(105,011)
Directors' fees	25,000	25,800	(800)
Insurance	5,700	240	5,460
Other	324,920	441,970	(117,050)
Contingency	100,000	-	100,000
Capital outlay	21,217,200	3,558,809	17,658,391
Total expenditures	22,990,780	5,796,398	17,194,382
<b>EXCESS (DEFICIT) OF REVENUES OVER (UNDER) EXPENDITURES</b>	(14,603,139)	3,013,368	17,616,507
<b>FUND BALANCE:</b>			
Beginning of year	17,724,669	17,724,669	-
End of year	\$ 3,121,530	\$ 20,738,037	\$ 17,616,507

The notes to the financial statements are an integral part of this statement.

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

## NOTES TO BASIC FINANCIAL STATEMENTS YEAR ENDED SEPTEMBER 30, 2018

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### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Brushy Creek Water Control and Improvement District No. 1 of Williamson and Milam Counties was created November 1, 1956 by the State Board of Engineers (predecessor to the Texas Water Rights Commission) and operated pursuant to Chapter 51 of the Texas Water Code. In a November 2001 election, the voters of the district approved a proposal to split the district into two entities: Brushy Creek Water Control and Improvement District No. 1A of Williamson and Milam Counties and Brushy Creek Water Control and Improvement District No. 1B of Williamson and Milam Counties. The assets of the former district were allocated among the new entities. The Board of Directors of Brushy Creek Water Control and Improvement District No. 1A of Williamson and Milam Counties held its first meeting on March 12, 2002. On January 9, 2003, the Texas Commission on Environmental Quality approved a request by Brushy Creek Water Control and Improvement District No. 1A of Williamson and Milam Counties to change its name to Upper Brushy Creek Water Control and Improvement District (the “District”).

The reporting entity of the District encompasses those activities and functions over which the District’s elected officials exercise significant oversight or control. The District is governed by a five member Board of Directors (the “Board”) which has been elected by District residents or appointed by the Board. The District is not included in any other governmental “reporting entity” as defined by the Governmental Accounting Standards Board (“GASB”), since Board members are elected by the public and have decision making authority, the power to designate management, the responsibility to significantly influence operations, and primary accountability for fiscal matters. In addition, there are no component units which are included in the District’s reporting entity.

#### **Government-Wide and Fund Financial Statements**

For purposes of GASB Statement No. 34, the District is considered a special purpose government. This allows the District to present the required fund and government-wide statements in a single schedule. The requirement for fund financial statements that are prepared on the modified accrual basis of accounting is met with the “General Fund” column. An adjustment column includes those entries needed to convert to the full accrual basis government-wide statements. Government-wide statements are comprised of the statement of net position and the statement of activities.

The statement of activities demonstrates the degree to which the expenses are offset by program revenues. Program revenues include charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by the District. Taxes and other items not properly included among program revenues are reported instead as general revenues.

## **Measurement Focus, Basis of Accounting, and Financial Statement Presentation**

The government-wide financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property taxes are recognized as revenues in the year for which they are levied. Grants are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met. Amounts reported as program revenues include charges to customers or applicants for goods, services, or privileges provided. Internally dedicated resources are reported as general revenues rather than as program revenues. Likewise, general revenues include all taxes.

Governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Revenues are recognized as soon as they are both measurable and available. Revenues are considered to be available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the District considers revenues to be available if they are collected within sixty days of the end of the current fiscal period. Expenditures generally are recorded when a liability is incurred, as under accrual accounting.

Major revenue sources considered susceptible to accrual includes interest income. No accrual for property taxes collected within sixty days of year end has been made as such amounts are deemed immaterial; delinquent property taxes at year end are reported as deferred inflows of resources.

The District reports the following major governmental fund-

The General Fund includes financial resources used for general operations. It is a budgeted fund, and any unassigned fund balance is considered resources available for current operations.

## **Budgets and Budgetary Accounting**

Formal budgetary integration is employed as a management control device for the General Fund. The budget is proposed by the District's General Manager for the fiscal year commencing the following October 1, and is adopted on a basis consistent with generally accepted accounting principles.

## **Assets, Deferred Outflows of Resources, Liabilities, Deferred Inflows of Resources, and Net Position or Equity**

Investments - Temporary investments throughout the year consisted of investments in an external local government investment pool and a certificate of deposit. The external local government investment pool is recognized at amortized cost as permitted by GASB Statement No. 79, *Certain External Investment Pools and Pool Participants*. The District is entitled to invest any and all of its funds in certificates of deposit, direct debt securities of the United States of America or the State of Texas, certain Federal agency securities and other types of municipal bonds, fully collateralized repurchase agreements, commercial paper, and local government investment pools. The District's investment policies and types of investments are governed by Section 2256 of the Government Code ("Public Funds Investment Act"). The District's management believes that it complied with the requirements of the Public Funds Investment Act and the District's investment policies. The District accrues interest on temporary investments based on the terms and effective interest rates of the specific investments.

Capital Assets - Capital assets, which include earthen dams, construction in progress, land, software, and furniture and equipment, are reported in the governmental activities columns in the government-wide financial statements. Capital assets are defined by the District as assets with an initial, individual cost of at least \$5,000. Such assets are recorded at historical cost if purchased or estimated acquisition value at the date of donation if donated. The costs of normal maintenance and repairs that do not add to the value of the assets or materially extend assets' lives are not capitalized. Capital assets (other than land and construction in progress) are depreciated using the straight line method over the following estimated useful lives: earthen dams - fifty years, software - five years, furniture and equipment - five to ten years.

Ad Valorem Property Taxes - Property taxes, penalties, and interest are reported as revenue in the fiscal year in which they become available to finance expenditures of the District. Allowances for uncollectibles within the General Fund are based upon historical experience in collecting property taxes. Uncollectible personal property taxes are periodically reviewed and written off, but the District is prohibited from writing off real property taxes without specific statutory authority from the Texas Legislature.

Intangible Asset - Rights to equipment are reported in the government-wide column in the statement of net position at historical cost and are evaluated for impairment on an annual basis. No impairment was required to be recognized at September 30, 2018.

Pensions - The fiduciary net position of the Texas County and District Retirement System ("TCDRS") has been determined using the flow of economic resources measurement focus and full accrual basis of accounting. This includes for purposes of measuring the net pension asset, deferred outflows of resources and deferred inflows of resources related to pensions, pension expense, and information about assets, liabilities and additions to/deductions from TCDRS's fiduciary net position. Benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Fund Balance - The District complies with GASB Statement No. 54, *Fund Balance Reporting and Governmental Fund Type Definitions*, which establishes fund balance classifications that comprise a hierarchy based primarily on the extent to which a government is bound to observe constraints imposed upon the use of the resources reported in governmental fund. See Note 10 for additional information on those fund balance classifications.

Deferred Outflows and Inflows of Resources - The District complies with GASB Statement No. 63, *Financial Reporting of Deferred Outflows of Resources, Deferred Inflows of Resources, and Net Position*, which provides guidance for reporting the financial statement elements of deferred outflows of resources, which represent the consumption of the District's net position that is applicable to a future reporting period, and deferred inflows of resources, which represent the District's acquisition of net position applicable to a future reporting period.

The District complies with GASB Statement No. 65, *Items Previously Reported as Assets and Liabilities*, which establishes accounting and financial reporting standards that reclassify, as deferred outflows of resources or deferred inflows of resources, certain items that were previously reported as assets and liabilities and recognizes, as outflows of resources or inflows of resources, certain items that were previously reported as assets and liabilities. See Note 11 for additional information on deferred outflows and inflows of resources.

Fair Value Measurements - The District complies with GASB Statement No. 72, *Fair Value Measurement and Application*, which defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction. Fair value accounting requires characterization of the inputs used to measure fair value into a three-level fair value hierarchy as follows:

- Level 1 inputs are based on unadjusted quoted market prices for identical assets or liabilities in an active market the entity has the ability to access.
- Level 2 inputs are observable inputs that reflect the assumptions market participants would use in pricing the asset or liability developed based on market data obtained from sources independent from the entity.
- Level 3 inputs are unobservable inputs that reflect the entity's own assumptions about the assumptions market participants would use in pricing the asset or liability developed based on the best information available.

There are three general valuation techniques that may be used to measure fair value:

- Market approach - uses prices generated by market transactions involving identical or comparable assets or liabilities.
- Cost approach - uses the amount that currently would be required to replace the service capacity of an asset (replacement cost).
- Income approach - uses valuation techniques to convert future amounts to present amounts based on current market expectations.

Use of Estimates - The preparation of financial statements, in conformity with generally accepted accounting principles, requires management to make estimates and assumptions that affect the reported amount of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenditures during the reporting period. Actual results could differ from those estimates.

### **Recently Issued Accounting Pronouncements**

In June 2017, the GASB issued GASB Statement No. 87, *Leases*, effective for fiscal years beginning after December 15, 2019. The objective of GASB Statement No. 87 is to improve accounting and financial reporting for leases by governments by requiring recognition of certain lease assets and liabilities that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. GASB Statement No. 87 establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under GASB Statement No. 87, a lessee is required to recognize a lease liability and an intangible right-to-use asset, and a lessor is required to recognize a lease receivable and deferred inflow of resources. Management is evaluating the effects that the full implementation of GASB Statement No. 87 will have on its financial statements for the year ended September 30, 2021.

## 2. RECONCILIATION OF GOVERNMENT-WIDE AND FUND FINANCIAL STATEMENTS

Amounts reported for governmental activities in the statement of net position are different because:

Governmental fund total fund balance	\$ 20,738,037
Rights to equipment are not current financial resources and are therefore not reported in the governmental fund balance sheet	485,900
Capital assets used in governmental activities are not current financial resources and are therefore not reported in the governmental fund balance sheet	39,314,860
Net pension asset is not receivable in the current period and, therefore, is not reported in the funds.	4,697
Deferred tax revenue is not available to pay for current-period expenditures and, therefore, is deferred in the governmental fund balance sheet	76,524
The following liabilities and deferred outflows and inflows of resources are not due and payable in the current period and, therefore, are not reported in the funds:	
Pension contributions after measurement date	12,113
Deferred outflows related to pension asset	8,701
Deferred inflows related to pension asset	<u>(6,815)</u>
Total net position	<u><u>\$ 60,634,017</u></u>

Amounts reported for governmental activities in the statement of activities are different because:

Excess of revenues over expenditures	\$ 3,013,368
Governmental funds report capital outlays as expenditures. However, in the statement of activities, the cost of those assets is allocated over their estimated useful lives as depreciation expense or recorded as an intangible until determined to be impaired	
Capital outlay	3,558,809
Depreciation expense	(418,897)
Revenues in the statement of activities that do not provide current financial resources are not reported as revenues in the funds.	
Change in deferred tax revenue	20,793
Some expenses reported in the statement of activities do not require the use of current financial resources and, therefore, are not reported as expenditures in governmental funds.	
Pension contributions made before the measurement date	5,833
Pension contributions made after the measurement date	12,113
Adjustments for ending deferred inflows and outflows related to net pension asset	<u>(21,498)</u>
Change in net position	<u><u>\$ 6,170,521</u></u>

### 3. CASH AND TEMPORARY INVESTMENTS

The District's deposits are required to be secured in the manner provided by law for the security of the funds. At September 30, 2018, such deposits were entirely covered by Federal Deposit Insurance Corporation ("FDIC") insurance or secured by collateral pledged by the depository.

The Public Funds Investment Act authorizes the District to invest in funds under a written investment policy. The District's deposits and investments are invested pursuant to the investment policy, which is approved annually by the Board. The primary objectives of the District's investment strategy, in order of priority, are safety, liquidity, and yield.

The District is entitled to invest in obligations of the United States, the State of Texas and their agencies, or any state, county, city and any other political subdivisions of any state rated by a nationally recognized investment rating firm with a rating not less than A or its equivalent, certificates of deposit of state or national banks or savings and loan associations within the State, prime domestic bankers' acceptances, commercial paper with a stated maturity of 270 days or less from the date of its issuance, fully collateralized repurchase agreements, no-load money market mutual funds regulated by the United States Securities and Exchange Commission, and eligible public funds investment pools.

Investments held at September 30, 2018 consisted of the following:

Type	Fair Value	Weighted Average Maturity (Days)	Standard & Poor's Rating
Local Governmental Investment Pool - TexPool	\$ 21,056,493	1	AAAm
Certificate of deposit	196,200	389	N/A
Total investments	<u>\$ 21,252,693</u>		

At September 30, 2018, the District had investments in one external local governmental investment pool, Texas Local Governmental Investment Pool ("TexPool"), and a certificate of deposit with a banking institution.

Although TexPool is not registered with the SEC as an investment company, it operates in a manner consistent with the SEC's Rule 2a-7 of the Investment Company Act of 1940. These investments are stated at amortized cost in accordance with GASB Statement No. 31, *Accounting and Financial Reporting for Certain Investments and for External Investment Pools*.

TexPool is overseen by the Texas State Comptroller of Public Accounts, who is the sole officer, director, and shareholder of the Texas Treasury Safekeeping Trust Company which is authorized to operate TexPool. TexPool also has an advisory board to advise on TexPool's investment policy. This board is made up equally of participants and nonparticipants who do not have a business relationship with TexPool. Federated Investors manages daily operations of TexPool under a contract with the Comptroller and is the investment manager for the pool. TexPool's investment policy stipulates that it must invest in accordance with the Public Funds Investment Act.

In accordance with GASB Statement No. 79, the external local government investment pool does not have any limitations and restrictions on withdrawals such as notice periods or maximum transaction amounts. This pool does not impose any liquidity fees or redemption gates.

**Credit Risk** - At September 30, 2018, investments were included in an external local governmental investment pool and a certificate of deposit with a rating from Standard & Poor's in compliance with the District's investment policy.

**Custodial Credit Risk** - Deposits are exposed to custodial credit risk if they are not covered by depository insurance and the deposits are uncollateralized, collateralized with securities held by the pledging financial institution, or collateralized with securities held by the pledging financial institution's trust department or agent but not in the District's name. Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of the District, and are held by either the counterparty or the counterparty's trust department or agent but not in the District's name. At September 30, 2018, the District was not exposed to custodial credit risk.

**Interest Rate Risk** - The District considers the holdings in the external local governmental investment pool to have a one day weighted average maturity due to the fact that the share position can usually be redeemed each day at the discretion of the shareholders, unless there has been a significant change in value. The certificate of deposit had a weighted average maturity of 389 days, which is in compliance with the District's investment policy. Term limits on individual maturities did not exceed two years from the purchase date. At September 30, 2018, the District was not exposed to significant interest rate risk.

#### **4. PROPERTY TAXES**

The Texas Water Code authorizes the District to levy a tax each October 1 on the assessed value listed as of the prior January 1 for all real and business personal property located within its boundaries. Assessed values are established annually by the Williamson Central Appraisal District. District property tax revenues are recognized when levied to the extent that they are collected in the current year. The uncollected balance is reported as deferred revenue. Taxes receivable are due January 1 and are delinquent if received after January 31 and are subject to penalty and interest charges.

On August 18, 2017, the District levied a tax rate of \$0.02 per \$100 of assessed valuation to finance the operating expenses of the District. The total 2017 tax levy was \$8,431,110 based on a taxable valuation of \$42,320,791,952.

#### **5. DUE FROM OTHER GOVERNMENTS**

The District has entered into an interlocal agreement with Williamson County that includes reimbursements for certain costs incurred by the District related to its improvements of the earthen dams. At September 30, 2018, the District had \$3,900 in costs incurred that are subject to reimbursement based on the terms of the interlocal agreement.

## 6. INTANGIBLE ASSET

Per an agreement effective May 2013 with U.S. Geological Survey (“USGS”), the District purchased rights to benefits in water gaging equipment. Benefits include the installation of gaging equipment with instantaneous reporting of water levels and other metrics to the District’s management and website at various sites and the right to receive replacement equipment in the future should the current equipment become damaged or outdated without further cost to the District. The initial amount paid for these benefits was \$398,100, which was recorded as an intangible asset on the statement of net position during the fiscal year ended September 30, 2013. Additional equipment was installed during the fiscal year ended September 30, 2014 and the District paid an additional \$87,800 for these benefits. In exchange for the purchase price and ongoing annual maintenance fees of \$6,360 to \$15,450 per station (currently \$247,570 annually for 28 stations), USGS will operate and maintain the equipment and will replace any outdated or damaged equipment. The term of the agreement is indefinite, and accordingly, no amortization expense has been recorded as of September 30, 2018.

## 7. CAPITAL ASSETS

Capital assets activity for the year ended September 30, 2018 was as follows:

	Balance September 30, 2017	Additions	Deletions/ Transfers	Balance September 30, 2018
Capital assets, not being depreciated:				
Construction in progress	\$ 19,536,491	3,558,809	-	23,095,300
Land	478,903	-	-	478,903
Total capital assets, not being depreciated	<u>20,015,394</u>	<u>3,558,809</u>	<u>-</u>	<u>23,574,203</u>
Capital assets, being depreciated:				
Earthen dams	22,010,741	-	-	22,010,741
Furniture and equipment	90,588	-	(27,588)	63,000
Software	37,500	-	-	37,500
Total capital assets, being depreciated	<u>22,138,829</u>	<u>-</u>	<u>(27,588)</u>	<u>22,111,241</u>
Less accumulated depreciation for:				
Earthen dams	(5,872,621)	(405,367)	-	(6,277,988)
Furniture and equipment	(78,529)	(6,030)	27,588	(56,971)
Software	(28,125)	(7,500)	-	(35,625)
Total accumulated depreciation	<u>(5,979,275)</u>	<u>(418,897)</u>	<u>27,588</u>	<u>(6,370,584)</u>
Total capital assets, being depreciated, net	<u>16,159,554</u>	<u>(418,897)</u>	<u>-</u>	<u>15,740,657</u>
Capital assets, net	<u>\$ 36,174,948</u>	<u>3,139,912</u>	<u>-</u>	<u>39,314,860</u>

## **8. RISK MANAGEMENT**

The District is exposed to various risks of losses related to torts; theft of, damage to, and destruction of assets; errors and omissions; and natural disasters. The District has obtained coverage from commercial insurance companies and the Texas Municipal League Intergovernmental Risk Pool (“TML Pool”) to effectively manage its risk. All risk management activities are accounted for in the General Fund. Expenditures and claims are recognized when it is probable that a loss has occurred and the amount of the loss can be reasonably estimated. In determining claims, events that might create claims, but for which none have been reported, are considered.

The TML Pool was established by various political subdivisions in Texas to provide self-insurance for its members and to obtain lower costs for insurance. TML Pool members pay annual contributions to obtain the insurance. Annual contribution rates are determined by the TML Pool board. Rates are estimated to include all claims expected to occur during the policy including claims incurred but not reported. The TML Pool has established claims reserves for each of the types of insurance offered. Although the TML Pool is a self-insured risk pool, members are not contingently liable for claims filed above the amount of the fixed annual contributions. If losses incurred are significantly higher than actuarially estimated, the TML Pool adjusts the contribution rate for subsequent years. Members may receive returns of contributions if actual results are more favorable than estimated.

## **9. COMMITMENTS AND CONTINGENCIES**

The District is involved in various legal proceedings which arise from time to time in the normal course of business. While the ultimate results of such matters generally cannot be predicted with certainty, management does not expect any such matters to have a material adverse effect on the financial position of the District or its results of operations as of September 30, 2018.

On December 18, 2014, the District contracted with the City of Round Rock (the “2014 agreement”) to construct a dam (the “Dam 101 Project”). Under the terms of the 2014 agreement, the District was required to contribute 25% of total Dam 101 Project costs plus the total cost of easements associated with the Dam 101 Project, for a total amount not to exceed \$6,000,000. Upon completion of the Dam 101 Project, the District shall own and maintain the dam. As of September 30, 2018, the District had contributed \$2,000,000 to the Dam 101 Project. Effective December 6, 2018, the 2014 agreement was terminated and a new agreement (the “2018 agreement”) was adopted. Under the terms of the 2018 agreement, the City of Round Rock will reimburse the District \$956,740 of the \$2,000,000 originally paid to the City of Round Rock pursuant to the 2014 agreement. The District will be reimbursed on a quarterly basis for costs incurred for engineering, design and permitting of the Dam 101 Project for a total amount not to exceed \$2,000,000.

At September 30, 2018, the District is committed under construction contracts with a remaining balance of \$1,410,527.

The District has long-term operating lease agreements for office space and equipment. The future minimal rental payments due under operating lease agreements as of September 30, 2018 were \$16,800.

## 10. FUND BALANCES

The District complies with GASB Statement No. 54, *Fund Balance Reporting and Governmental Fund Type Definitions*, which establishes fund balance classifications that comprise a hierarchy based primarily on the extent to which a government is bound to observe constraints imposed upon the use of the resources reported in the governmental funds. Those fund balance classifications are described below.

Nonspendable - Amounts that cannot be spent because they are either not in a spendable form or are legally or contractually required to be maintained intact.

Restricted - Amounts that can be spent only for specific purposes because of constraints imposed by external providers, or imposed by constitutional provisions or enabling legislation.

Committed - Amounts that can only be used for specific purposes pursuant to approval by formal action by the Board.

Assigned - For the General Fund, amounts that are appropriated by the Board that are to be used for specific purposes. For all other governmental funds, any remaining positive amounts not previously classified as nonspendable, restricted or committed.

Unassigned - Amounts that are available for any purpose; these amounts can be reported only in the District's General Fund.

The detail of the fund balances are included in the Governmental Fund Balance Sheet on page 10.

Fund balance of the District may be committed for a specific purpose by formal action of the Board, the District's highest level of decision-making authority. Commitments may be established, modified, or rescinded only through a resolution approved by the Board. The Board may also assign fund balance for a specific purpose.

In circumstances where an expenditure is to be made for a purpose for which amounts are available in multiple fund balance classifications, the order in which resources will be expended is as follows: restricted fund balance, committed fund balance, assigned fund balance, and lastly, unassigned fund balance.

## 11. DEFINED BENEFIT PENSION PLAN

### Plan Description

The District provides retirement, disability, and death benefits for all of its non-temporary full-time employees through a nontraditional defined benefit pension plan administered by the Texas County and District Retirement System ("TCDRS"). The Board of Trustees of TCERS is responsible for the administration of the statewide agent multiple-employer public employee retirement system consisting of 760 active participating counties and districts throughout Texas. TCERS in the aggregate issues a comprehensive annual financial report ("CAFR") on a calendar year basis. The CAFR is available upon written request from the TCERS Board of Trustees at P.O. Box 2034, Austin, Texas 78768-2034.

The plan provisions are adopted by the governing body of the employer, within the options available in the Texas State statutes governing TCDRS (“TCDRS Act”). Members can retire at age 60 and above with 5 or more years of service but must leave their accumulated contributions in the plan to receive any employer-finance benefit. Members who withdraw their personal contributions in a lump sum are not entitled to any amounts contributed by their employer.

**Benefits Provided**

Benefit amounts are determined by the sum of the employee’s contributions to the plan, with interest, and the employer-financed monetary credits. The level of these monetary credits is adopted by the governing body of the employer within the actuarial constraints imposed by the TCDRS Act, so that the resulting benefits can be expected to be adequately financed by the employer’s commitment to contribute. At retirement, death, or disability, the benefit is calculated by converting the sum of the employee’s accumulated contributions and the employer-financed monetary credits to a monthly annuity using annuity purchase rates prescribed by the TCDRS Act.

Employee membership data related to the Plan, as of the valuation date of December 31, 2017 was as follows:

Retirees and beneficiaries currently receiving benefits	-
Terminated employees entitled to but not yet receiving benefits	-
Active plan members	3
Total	3

**Contributions**

The District has elected the annually determined contribution rate (ADCR) plan provisions of the TCDRS Act. The plan is funded by monthly contributions from both employee members and the employer based on the covered payroll of employee members. Under the TCDRS Act, the contribution rate of the employer is actuarially determined annually. The District contributed using the actuarially determined rate of 7.94% for 2018 as adopted by the governing body of the District. The employee contribution rate was 4.00%. The employee contribution rate and the employer contribution rate may be changed by the governing body of the District within the options available in the TCDRS Act. The required contribution and actual contributions for the year ended September 30, 2018 equaled \$17,239.

## Net Pension Asset

### Actuarial Assumptions

The District's net pension asset was measured as of December 31, 2017 and the total pension liability used to calculate the net pension asset was determined by an actuarial valuation as of that date. The total pension liability in the December 31, 2017 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Valuation Timing	Actuarially determined contribution rates are calculated on a calendar basis as of December 31, two years prior to the end of the fiscal year in which the contributions are reported
Actuarial Cost Method	Individual Entry Age Normal
Amortization method	Level percentage of payroll, closed
Amortization period	18.4 years
Asset Valuation Method	5-year smoothed market
Inflation	2.75%
Salary Increases	Varies by age and service. 4.9% average over career including inflation
Investment Rate of Return	8.10%
Cost-of-Living Adjustments	Cost-of-Living Adjustments for the District are not considered to be automatic under GASB 68. Therefore, no assumption for future cost-of-living adjustments is included in the GASB 68 calculations. No assumption for future cost-of-living adjustments is included in the funding valuation.
Retirement Age	Between ages 40 and 74 with various rates of service retirement by gender: low of 4.5% for age 40-44 to high of 25.0% for age 65 for males and females
Turnover	New employees are assumed to replace any terminated members and have similar entry ages.
Mortality:	
Depositing members	90% of the RP-2014 Active Employee Mortality Table for males and 90% of the RP-2014 Active Employee Mortality Table for females, projected with 110% of the MP-2014 Ultimate scale after 2014.
Service retirees, beneficiaries and non-depositing members	130% of the RP-2014 Healthy Annuitant Mortality Table for males and 110% of the RP-2014 Healthy Annuitant Mortality Table for females, both projected with 110% of the MP-2014 Ultimate scale after 2014.
Disabled retirees	130% of the RP-2014 Disabled Annuitant Mortality Table for males and 115% of the RP-2014 Disabled Annuitant Mortality Table for females, both projected with 110% of the MP-2014 Ultimate scale after 2014.

The actuarial assumptions that determined the total pension liability as of December 31, 2017 were based on the results of an actuarial experience study for the period January 1, 2013 through December 31, 2016, except where required to be different by GASB 68.

### Long-Term Expected Rate of Return

The long-term expected rate of return on TCDRS assets is determined by adding expected inflation to expected long-term real returns, and reflecting expected volatility and correlation. The capital market assumptions and information shown below are provided by TCDRS' investment consultant, Cliffwater LLC. The numbers shown are based on January 2018 information for a 10 year time horizon.

Note that the valuation assumption for long-term expected return is re-assessed at a minimum of every four years, and is set based on a 30-year time horizon; the most recent analysis was performed in 2017.

<u>Asset Class</u>	<u>Benchmark</u>	<u>Target Allocation (a)</u>	<u>Geometric Real Rate of Return (Expected minus Inflation) (b)</u>
US Equities	Dow Jones U.S. Total Stock Market Index	11.50%	4.55%
Private Equity	Cambridge Associates Global Private Equity & Venture Capital Index (c)	16.00%	7.55%
Global Equities	MSCI World (net) Index	1.50%	4.85%
International Equities - Developed	MSCI World Ex USA (net) Index	11.00%	4.55%
International Equities - Emerging	MSCI Emerging Markets (net) Index	8.00%	5.55%
Investment-Grade Bonds	Bloomberg Barclays U.S. Aggregate Bond Index	3.00%	0.75%
Strategic Credit	FTSE High-Yield Cash-Pay Capped Index	8.00%	4.12%
Direct Lending	S&P/LSTA Leveraged Loan Index	10.00%	8.06%
Distressed Debt	Cambridge Associates Distressed Securities Index (d)	2.00%	6.30%
REIT Equities	67% FTSE NAREIT Equity REITs Index + 33% S&P Global REIT (net) Index	2.00%	4.05%
Master Limited Partnerships (MLPs)	Alerian MLP Index	3.00%	6.00%
Private Real Estate Partnerships	Cambridge Associates Real Estate Index (e)	6.00%	6.25%
Hedge Funds	Hedge Fund Research, Inc. (HFRI) Fund of Funds Composite Index	18.00%	4.10%

- (a) Target asset allocation adopted at the April 2018 TCDRS Board meeting.
- (b) Geometric real rates of return equal the expected return minus the assumed inflation rate of 1.95%, per Cliffwater's 2018 capital market assumptions.
- (c) Includes vintage years 2006-present of Quarter Pooled Horizon internal rates of return.
- (d) Includes vintage years 2005-present of Quarter Pooled Horizon internal rates of return.
- (e) Includes vintage years 2007-present of Quarter Pooled Horizon internal rates of return.

### Discount Rate

The discount rate used to measure the total pension liability was 8.10%. This rate reflects the long-term rate of return funding valuation assumption of 8.00%, plus 0.10% adjustment to be gross of administrative expenses as required by GASB 68. The Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active, inactive, and retired members. Therefore, the discount rate for calculating the total pension liability is equal to the long-term expected rate of return, and the municipal bond rate does not apply.

### **Changes in Net Pension Liability (Asset)**

Changes in the District's net pension liability (asset) for the valuation year ended December 31, 2017 are as follows:

	Total Pension Liability	Increase (Decrease) Fiduciary Net Position	Net Pension Liability (Asset)
	(a)	(b)	(a) - (b)
Balance as of December 31, 2016	\$ 126,310	\$ 125,060	\$ 1,250
Changes for the year:			
Service cost	30,320	-	30,320
Interest on total pension liability (1)	12,687	-	12,687
Effect of plan changes (2)	-	-	-
Effect of economic/demographic gains or losses	1,506	-	1,506
Effect of assumptions changes or inputs	1,112	-	1,112
Administrative expenses	-	(117)	117
Member contributions	-	10,975	(10,975)
Net investment income	-	18,777	(18,777)
Employer contributions	-	21,503	(21,503)
Other (3)	-	434	(434)
Balance as of December 31, 2017	<u>\$ 171,935</u>	<u>\$ 176,632</u>	<u>\$ (4,697)</u>

- (1) Reflects the change in the liability due to the time value of money. TCDRS does not charge fees or interest.
- (2) No plan changes valued.
- (3) Relates to allocation of system-wide items.

## Sensitivity Analysis

The following presents the net pension liability (asset) of the District, calculated using the discount rate of 8.10%, as well as what the District's net pension liability (asset) would be if it were calculated using a discount rate that is 1 percentage point lower (7.10%) or 1 percentage point higher (9.10%) than the current rate.

	1% Decrease	Current Discount Rate	1% Increase
	7.10%	8.10%	9.10%
Total pension liability	\$ 196,579	\$ 171,935	\$ 150,903
Fiduciary net position	176,632	176,632	176,632
Net pension liability / (asset)	\$ 19,947	\$ (4,697)	\$ (25,729)

## Pension Expense, Deferred Outflows of Resources, and Deferred Inflows of Resources

For the year ended September 30, 2018, the District recognized pension expense of \$20,791. As of September 30, 2018, the deferred outflows and inflows of resources are as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 6,393	\$ 5,844
Changes of assumptions	2,308	-
Net difference between projected and actual earnings	-	971
Contributions made subsequent to measurement date	12,113	-
Total	\$ 20,814	\$ 6,815

The \$12,113 reported as deferred outflows of resources related to pensions resulting from District contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability (asset) in the year ended September 30, 2019. The remaining amounts currently reported as deferred outflows and inflows of resources related to pensions will be recognized in pension expense as follows:

	Pension Expense Amount
Year ended September 30:	
2019	\$ 1,214
2020	936
2021	(862)
2022	(1,205)
2023	264
Thereafter	1,539
	\$ 1,886

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

## SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS SEPTEMBER 30, 2018

	Year Ended December 31, 2017*	Year Ended December 31, 2016*	Year Ended December 31, 2015*
<b>Total Pension Liability</b>			
Service cost	\$ 30,320	\$ 30,531	\$ 18,768
Interest on total pension liability	12,687	8,281	6,434
Effect of plan changes	-	-	(2,475)
Effect of assumption changes or inputs	1,112	233	1,742
Effect on economic/demographic (gains) or losses	1,506	-	(7,791)
Benefit payments/refunds of contributions	-	-	-
Net change in total pension liability	45,625	39,045	16,678
Total pension liability, beginning	126,310	87,265	70,587
Total pension liability, ending (a)	<u>\$ 171,935</u>	<u>\$ 126,310</u>	<u>\$ 87,265</u>
<b>Fiduciary Net Position</b>			
Employer contributions	\$ 21,503	\$ 18,690	\$ 14,393
Member contributions	10,975	10,340	7,854
Investment income net of investment expenses	18,777	6,594	(2,559)
Benefit payments/refunds of contributions	-	-	-
Administrative expenses	(117)	(72)	(57)
Other	434	2,118	(7)
Net change in fiduciary net position	51,572	37,670	19,624
Fiduciary net position, beginning	125,060	87,390	67,766
Fiduciary net position, ending (b)	\$ 176,632	\$ 125,060	\$ 87,390
Net pension liability / (asset), ending = (a) - (b)	\$ (4,697)	\$ 1,250	\$ (125)
Fiduciary net position as a % of total pension liability	102.73%	99.01%	100.14%
Pensionable covered payroll	\$ 274,374	\$ 258,499	\$ 196,352
Net pension liability as a % of covered payroll	-1.71%	0.48%	-0.06%

\* Schedule is intended to show information for 10 years.

Additional years will be displayed as they become available.

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

## SCHEDULE OF DISTRICT CONTRIBUTIONS

SEPTEMBER 30, 2018

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Year Ending September 30 **	Actuarially Determined Contribution	Actual Employer Contributions	Contribution Deficiency (Excess)	Pensionable Covered Payroll *	Actual Contribution as a % of Covered Payroll
2012	8,078	8,078	-	111,419	7.3%
2013	10,941	10,941	-	148,000	7.4%
2014	11,037	11,037	-	151,402	7.3%
2015	12,852	12,852	-	175,908	7.3%
2016	18,920	18,920	-	260,585	7.3%
2017	20,487	20,487	-	266,499	7.7%
2018	17,239	17,239	-	259,013	6.7%

\* Payroll is calculated based on contributions as reported to TCDRS.

\*\* Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

# UPPER BRUSHY WATER CONTROL AND IMPROVEMENT DISTRICT

## NOTES TO REQUIRED SUPPLEMENTARY INFORMATION YEAR ENDED SEPTEMBER 30, 2018

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### 1. METHODS AND ASSUMPTIONS USED IN CALCULATIONS OF ACTUARIALLY DETERMINED CONTRIBUTIONS

The following methods and assumptions were used to determine the contributions rates:

Valuation Timing	Actuarially determined contribution rates are calculated on a calendar basis as of December 31, two years prior to the end of the fiscal year in which the contributions are reported
Actuarial Cost Method	Individual Entry Age Normal
Amortization method	Level percentage of payroll, closed
Amortization period	18.4 years
Asset Valuation Method	5-year smoothed market
Inflation	2.75%
Salary Increases	Varies by age and service. 4.9% average over career including inflation
Investment Rate of Return	8.10%
Cost-of-Living Adjustments	Cost-of-Living Adjustments for the District are not considered to be automatic under GASB 68. Therefore, no assumption for future cost-of-living adjustments is included in the GASB 68 calculations. No assumption for future cost-of-living adjustments is included in the funding valuation.
Retirement Age	Between ages 40 and 74 with various rates of service retirement by gender: low of 4.5% for age 40-44 to high of 25.0% for age 65 for males and females
Turnover	New employees are assumed to replace any terminated members and have similar entry ages.
Mortality:	
Depositing members	90% of the RP-2014 Active Employee Mortality Table for males and 90% of the RP-2014 Active Employee Mortality Table for females, projected with 110% of the MP-2014 Ultimate scale after 2014.
Service retirees, beneficiaries and non-depositing members	130% of the RP-2014 Healthy Annuitant Mortality Table for males and 110% of the RP-2014 Healthy Annuitant Mortality Table for females, both projected with 110% of the MP-2014 Ultimate scale after 2014.
Disabled retirees	130% of the RP-2014 Disabled Annuitant Mortality Table for males and 115% of the RP-2014 Disabled Annuitant Mortality Table for females, both projected with 110% of the MP-2014 Ultimate scale after 2014.

## 2. CHANGE IN ASSUMPTIONS

The following were changes to the actuarial assumptions or other inputs that affected measurement of the total pension liability since the prior measurement period:

- Inflation assumption decreased from 3.0% per year to 2.75% per year, with a corresponding decrease in the general wage growth assumption from 3.5% to 3.25%.
- Slightly adjusted all mortality rates to better reflect anticipated experience.
- Adjusted retirement ratios to reflect people retiring at older ages.
- Lowered disability retirement rates.
- Adjustments made to termination rates.
- Lowered probability of withdrawal of contributions upon termination.
- Adjusted merit salary scale to reflect anticipated future experience.

**UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT**

**INDEX OF SUPPLEMENTAL SCHEDULES REQUIRED BY THE  
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY  
YEAR ENDED SEPTEMBER 30, 2018**

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<u>SCHEDULE INCLUDED</u>		
<u>YES</u>	<u>NO</u>	
<u>X</u>		TSI-0 Notes Required by the Water District Accounting Manual
	<u>X</u>	TSI-1 Schedule of Services and Rates
<u>X</u>		TSI-2 Schedule of General Fund Expenditures
<u>X</u>		TSI-3 Schedule of Temporary Investments
<u>X</u>		TSI-4 Analysis of Taxes Levied and Receivable
	<u>X</u>	TSI-5 Long-Term Debt Service Requirements by Years
	<u>X</u>	TSI-6 Analysis of Changes in Long-Term Bonded Debt
<u>X</u>		TSI-7 Comparative Schedule of Revenues and Expenditures - General Fund - Five Years Ended September 30, 2018
<u>X</u>		TSI-8 Board Members, Key Personnel and Consultants

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

## TSI-0 NOTES REQUIRED BY THE WATER DISTRICT ACCOUNTING MANUAL YEAR ENDED SEPTEMBER 30, 2018

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The notes which follow are not necessarily required for fair presentation of the audited basic financial statements of the District which are contained in the preceding section of this report. They are presented in conformity with requirements of the Texas Commission on Environmental Quality to assure disclosure of specifically required facts.

(A) Creation of District

See Note 1 to basic financial statements.

(B) Contingent Liabilities

See Note 9 to basic financial statements.

(C) Pension Coverage

See Note 11 to basic financial statements.

(D) Pledge of Revenues

Not applicable.

(E) Compliance with Debt Service Requirements

Not applicable.

(F) Redemption of Bonds

Not applicable.

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

## TSI-2 SCHEDULE OF GENERAL FUND EXPENDITURES YEAR ENDED SEPTEMBER 30, 2018

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Personnel Expenditures (including benefits)	\$	405,011
Professional Fees:		
Auditing		16,000
Legal		33,849
Engineering		643,796
Financial Advisor		-
Purchased Services For Resale -		
Bulk Water and Wastewater Service Purchases		-
Contracted Services:		
Bookkeeping		6,000
General Manager		-
Appraisal District		-
Tax Collector		100,463
Other Contracted Services		16,286
Utilities		-
Repairs and Maintenance		546,742
Administrative Expenditures:		
Directors' Fees		25,800
Office Supplies		12,282
Insurance		240
Other Administrative Expenses		431,120
Capital Outlay:		
Capitalized Assets		3,558,809
Expenditures not Capitalized		-
Tap Connection Expenditures		-
Solid Waste Disposal		-
Fire Fighting		-
Parks and Recreation		-
Other Expenditures		-
TOTAL EXPENDITURES	\$	<u>5,796,398</u>

Number of persons employed by the District: 4 Full-Time 5 Part-Time  
(Does not include independent contractors or consultants)

**UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT**

**TSI-3 SCHEDULE OF TEMPORARY INVESTMENTS  
SEPTEMBER 30, 2018**

Funds	Identification or Certificate Number	Interest Rate	Maturity Date	Balance at 9/30/18	Accrued Interest Receivable at 9/30/18
General Fund:					
TexPool	12526, 19445, 21127	Variable	N/A	\$ 21,056,493	\$ -
Certificate of Deposit	115536890	0.05%	10/24/2019	196,200	-
Total				<u>\$ 21,252,693</u>	<u>\$ -</u>

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

## TSI-4 ANALYSIS OF TAXES LEVIED AND RECEIVABLE YEAR ENDED SEPTEMBER 30, 2018

	Maintenance Taxes
TAXES RECEIVABLE, SEPTEMBER 30, 2017	\$ 55,731
2017 ORIGINAL TAX LEVY	8,431,110
Adjustments	29,722
Total to be accounted for	8,516,563
Tax collections:	
Current year	8,403,132
Prior years	36,907
Total collections	8,440,039
TAXES RECEIVABLE, SEPTEMBER 30, 2018	\$ 76,524
TAXES RECEIVABLE, BY YEARS	
2017	\$ 25,549
2016	7,919
2015	5,425
2014	4,380
2013 and prior	33,251
TAXES RECEIVABLE, SEPTEMBER 30, 2018	\$ 76,524

	2017	2016	2015	2014
PROPERTY VALUATIONS-				
Land, improvements, and personal property	\$ 42,320,791,952	\$ 39,239,384,755	\$ 35,000,689,322	\$ 31,028,873,454
TAX RATES PER \$100 VALUATION:				
Maintenance tax rates	0.02	0.02	0.02	0.02
Debt service tax rates	0.00	0.00	0.00	0.00
TOTAL TAX RATES PER \$100 VALUATION	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02
ORIGINAL TAX LEVY	\$ 8,431,110	\$ 7,743,728	\$ 6,960,275	\$ 6,171,060
PERCENT OF TAXES COLLECTED TO TAXES LEVIED	99.7%	99.9%	99.9%	99.9%

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

## TSI-7 COMPARATIVE SCHEDULE OF REVENUES AND EXPENDITURES - GENERAL FUND FIVE YEARS ENDED SEPTEMBER 30, 2018

	AMOUNTS					PERCENT OF FUND TOTAL REVENUES				
	2018	2017	2016	2015	2014	2018	2017	2016	2015	2014
<b>GENERAL FUND</b>										
<b>REVENUES:</b>										
Property taxes	\$ 8,440,039	7,765,880	7,033,578	6,197,857	5,505,639	95.8 %	97.6	93.5	89.6	94.6
Developer fees	13,094	8,601	10,567	414,768	-	0.1	0.1	0.1	6.0	-
Capital grant revenue	-	10,277	380,713	278,680	283,267	0.0	0.1	5.1	4.0	4.9
Interest on temporary investments	337,996	160,385	68,693	11,120	5,768	3.8	2.0	0.9	0.1	0.1
Penalties and interest on property taxes	18,553	18,592	19,226	18,366	16,494	0.2	0.2	0.3	0.3	0.3
Other revenue	84	-	1,143	-	8,192	0.1	-	0.1	-	0.1
<b>Total revenues</b>	<b>8,809,766</b>	<b>7,963,735</b>	<b>7,513,920</b>	<b>6,920,791</b>	<b>5,819,360</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>EXPENDITURES:</b>										
Service operations:										
Maintenance and repairs	546,742	423,266	382,405	986,625	343,292	6.2	5.3	5.1	14.3	5.9
Legal fees	33,849	49,364	31,606	41,914	42,058	0.4	0.6	0.4	0.6	0.7
Engineering fees	643,796	367,133	308,276	524,475	695,089	7.3	4.6	4.1	7.6	11.9
Contracted services	38,286	37,895	39,563	29,895	52,701	0.4	0.5	0.5	0.4	0.9
Preparation of tax rolls	101,895	85,710	81,255	77,151	70,886	1.2	1.1	1.1	1.1	1.2
Salaries	405,011	274,213	270,450	175,978	155,757	4.6	3.4	3.6	2.5	2.6
Directors' fees	25,800	25,800	21,600	19,500	24,600	0.3	0.3	0.3	0.3	0.4
Insurance	240	4,827	8,812	3,398	3,039	0.1	0.1	0.1	-	0.1
Interlocal project agreements	-	-	-	-	250,000	-	-	-	-	4
Other	441,970	98,996	237,460	99,922	170,337	5.0	1.2	3.3	1.4	2.9
Capital outlay	3,558,809	10,676,952	3,912,201	2,974,295	777,123	40.3	134.1	52.1	43.0	13.4
<b>Total expenditures</b>	<b>5,796,398</b>	<b>12,044,156</b>	<b>5,293,628</b>	<b>4,933,153</b>	<b>2,584,882</b>	<b>65.8</b>	<b>151.2</b>	<b>70.5</b>	<b>71.3</b>	<b>44.4</b>
<b>EXCESS (DEFICIENCY) OF REVENUES OVER (UNDER) EXPENDITURES</b>	<b>\$ 3,013,368</b>	<b>(4,080,421)</b>	<b>2,220,292</b>	<b>1,987,638</b>	<b>3,234,478</b>	<b>34.2 %</b>	<b>(51.2)</b>	<b>29.5</b>	<b>28.7</b>	<b>55.6</b>

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

## TSI-8 BOARD MEMBERS, KEY PERSONNEL AND CONSULTANTS SEPTEMBER 30, 2018

Complete District Mailing Address: 1850 Round Rock Avenue  
Suite 100  
Round Rock, Texas 78661

District Business Telephone Number: (512) 284-7685

Submission date of the most recent District Registration Form: September 20, 2018  
 (TWC Sections 36.054 and 49.054)

Limit on fees of office that a director may receive during a fiscal year: \$7,200  
 (Set by Board Resolution - TWC Sections 49.060)

Name	Term of Office Elected & Expires or Date Hired	Fees 9/30/18	Expense Reimbursements 9/30/18	Title at 9/30/18
<b>Board Members:</b>				
Mike Freeman	Elected 5/16 - 5/20	\$ 5,100	\$ -	President
Jeremiah D. Williams	Elected 5/16 - 5/20	4,050	-	Vice President
Miguel Villareal	Elected 5/16 - 5/20	6,450	-	Treasurer/Secretary
Kathy Cook	Elected 5/18 - 5/22	1,500	440	Director
Casey Clawson	Elected 5/18 - 5/22	1,200	-	Director
<b>Former Board Members:</b>				
Jeff Sawyer	Elected 5/14 - 5/18	\$ 3,600	-	
Robert Adams	Appointed 6/15 - 5/18	3,900	-	
<b>Key Administrative Personnel:</b>				
Ruth Haberman	Hired 4/11	45,724	11	Former General Manager (employee)
Lisa Moravitz	Hired 9/12	87,385	331	District Secretary (employee)
Chris Tschirhart	Hired 7/15	259,750	114	Project Manager (employee)
Alysha Girard	Hired 9/18	6,250	-	General Manager (employee)
Gregor Forbes	Hired 9/18	5,902	-	Project Manager (employee)

(continued)

# UPPER BRUSHY CREEK WATER CONTROL AND IMPROVEMENT DISTRICT

## TSI-8 BOARD MEMBERS, KEY PERSONNEL AND CONSULTANTS (continued) SEPTEMBER 30, 2018

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Name	Date Hired	Fees and Expense Reimbursements 9/30/18	Title at 9/30/18
<b>Consultants:</b>			
Sheets & Crossfield, P.C.	2002	\$ 43,943	Attorney
Freese and Nichols, Inc.	2002	610,232	Engineer
URS Corporation	2012	377,723	Engineer
U.S. Geological Survey	2013	245,013	Water Gage Operator
Maxwell Locke & Ritter LLP	2002	16,000	Auditor
Richard A. Crow & Associates	2015	6,500	Accountant
Williamson Central Appraisal District	2002	78,928	Appraisal District